

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

New Zealand - USA

This month's bulletin is a bit late, your editor/publisher spent the Christmas holidays visiting his son, daughter-in-law, and new granddaughters in Portland, OR. No radio, this was a vacation--besides going to Portland for a 6m DX-pedition is sort of like taking coals to Newcastle. It is just as well that we're late, as that circumstance allowed us to get the following into early print.

Just as 1998 was being ushered in over Europe, on the other side of the earth 6 meters was hopping. Widespread Sporadic-E was present in both northern and southern hemispheres. Imagine Kerry, ZL2TPY's, surprise as he tuned over 6m and heard W4DR on 50.125. Imagine his consternation at not being able to break through the stateside QRM on the calling frequency and at not being able to raise anyone anywhere else.

Kerry phoned Bob, W6BYA. It was the only US 6m op's phone number he had. Bob, W6BYA, relayed the report by phone to W4DR and Bob, K6QXY. (W6BYA was off 6m with a stuck rotator.)

Kerry worked both W4DR and K6QXY and then he and a few other New Zealanders worked dozens of 6m stations in the southern USA.

K6QXY remarked that CO, ZF, & XE2 were in earlier. As you will find in our listings inside, two of the ZL-TV video carriers were into the west coast AND K6QXY received a VK-TV video carrier on 46.240 until 0300Z (on January 1). The path to New Zealand probably was linked into some equatorial F2--it's hard to imagine pure Es over a path of this length.

However, WA5IYX reported Es to the top of the FM band from Northern Mexico during this time. He reports:

"The Dec FM Es total time here has now exceeded the sum of 1997's May, Jul, and Aug. In comparison to the "normal" (summer) season this has undoubtedly been the largest "minor" (winter) month. In many ways it has been very reminiscent of the Dec 1976-Feb 1977 period (which did produce some Es MUF to Ch 13)."

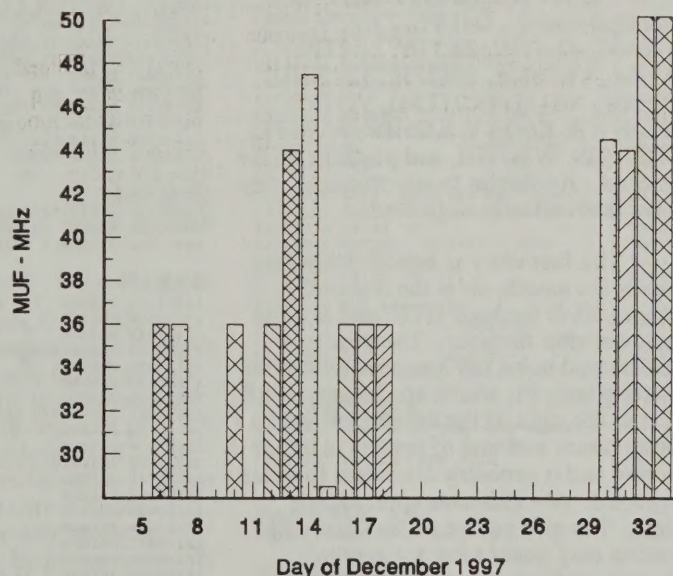
And let this be an object lesson to those of you whose transceiver dials have rusted tight on 50.125 (and 50.110,) and whose rotators have frozen on Europe or wherever. Six meters is a magic band! If all the DX you're hearing is S9, you're not hearing all the DX!

But wait! There's more--a fax Kerry sent to W6BYA on January 2 says: "Bob's news must travel very slowly that 6m W-->ZL opened as it opened again today W to ZL, but I had no 2-way QSOs. Day started with 43.2 MHz W6 pagers in by 2128Z & FO5DR/B @ 2229Z. On a dead!! band, I found W7XU in South Dakota grid # EN13 working a pile up of W6s on "E". I tried to break in for 3/4 hr from 0042Z till 0133Z today. He worked K6MYC @0050Z, KB6NAN @0125Z wkg DM06 grid@0131Z etc., etc. I just couldn't break pile up. He was the only "W" I could hear up to 5/9 with QSB no other sigs. (I heard W6-->ZL today I think @ about 0004 was worked, no details yet! If only people would take a standby for DX in pileups. W7XU/0 was on 50.16996 MHz USB).

I called 100s of CQ DXs on 50.110, but no takers. Very, very selective F2 & 'E'. 73s Kerry, ZL2TPY."

Kerry included a graph, which I have replotted below, of the MUFs he observed to the USA during December 1997 (and into early January 1998). Will this pattern repeat in the coming solar rotation?

MUF ZL-USA Dec 97, 20-02Z



As the listings inside confirm, I (your editor) was one of those W6s that worked W7XU/0 during the period Kerry was receiving him. I had turned the K6FV beacon off and settled down to work some of those grid fields I had missed by being out of town over Christmas. W7XU/0 was my first 6m DX contact since July, and a long one for single hop Es, 2228 km. I had been turning the beam back and forth trying to get a peak on the W0s without much success--figured the beam or rotor was off. I had heard the 45 MHz ZL-TV video carriers earlier in the day, but they had faded out long before so I figured that ZL-->USA was all over for the day. I was wrong! The distance from ZL2TPY to W7XU is 12761 km and the beam heading is about 53.3°. Kerry's beam heading for me would have been 45.8°, so the great circle path between him and W7XU is somewhat south of here. There's no guarantee that the signals were traveling exactly on the great circle, however.

We in CONUS have responded too well perhaps, to pleas to keep off the DX (non W/VE) 50.100-50.125 segment and 50.110 in particular. It's been years since I heard anyone on 50.110 and years since I left my receiver tuned there. It's been up on 50.125, and the only time I tune through the DX segment is on my way to the beacon band.

The times, however, are a'changing!

Continuing with comments from Kerry's January 2 FAX: "I'd say we have another chance in early Jan 1998 if solar rotation stays OK for second week. The indicators again were W6 pagers & 'CHiPs Rts' & high MUF to northeast with FO5DR/B in & strong backscatter sigs to ZL3 peaking NE then 30-40 MHz W6 indicators--It's a repeat of observed Dec 1993 MUF & Jan 1994 W5.XE2, opening to ZL--propagation Sporadic E to spread F to Sporadic E again in W land???"

Nov-Dec 97 DX Reports

The following reports of >40 MHz DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V/UHF DX Topics* in MOBIL HAM, GJ4ICD's *Internet Six News* (marked with #), G4UPS, ZR1EV, VK3OT, ZL3TIC, ZL3TY, ZL2TPY, AH8A, VE7SKA, SM7FJE, LW5EJU, PY5CC, V31FD (K0TLM), YO7VS, XE2HWP, K6QXY, KC6IPF, W0MTK, WB7QBS, W5UWB, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997, except for entries starting with 01, which are January 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, P=pagers, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

ASCENSION IS.

11012041 ZD8VHF 519 > KM72LT	B 425JA#
11022200 ZD8VHF S2 >2227	B 425JA#
11032054 ZD8VHF	B 425JA#
11042207 ZD8VHF VY WEAK	50.0325 B 425JA#
11052250 ZD8VHF	B GJ4ICD#

11082130 ZD8VHF	B 425JA#
11092109 ZD8VHF 519 > IM67	B 425JA#
11102115 ZD8VHF 539 > IM67	B 425JA#
11122116 ZD8VHF	50.0325 B 425JA#
12040138 ZD8VHF > FI07BU	B 425JA#

BOTSWANA

11021553 A22BW	IT9#
11031930 A22BW VY WEAK	C 425JA#

CANARY IS.

11022211 EH8BFX 59+ AVELIBO	S PY5CC
11032308 EH8BFX 52	S PY5CC
11062141 EH8BFX 57 > GQ54RE	S PY5CC

GHANA

11022145 9G1YR 59+ GRAHAM TAMALE	S PY5CC
11022152 9G1YR WKG PY2CDS	50.130 PY2XB#

MALAWI

11011925 7Q7RM	50.110 9H1CG#
11041900-7Q7	IT9#
12071000 7Q7RM KH74 > KQ33	886AXT#

NAMIBIA

11011400 V51VHF > UK	B G#
11011708 V51VHF	B G6YIN#
11011933 V51VHF	50.018 B 9H1CG#
11021553 V51KC	IT9#
11081220 V51	SV#
11081500 V51C J777 & V51VHF	B RA#
11081653 V51KC	IKOFTA#
11081723 V51VHF 599	50.016 B IT9RER#

SOUTH AFRICA

11021542 S66KJ, S66WB	GJ#
11041X00 S66	IT9#
11081200 S66	IS0#
11081728 S66IX 55 > JJ68PD	50.005 B IW9ELR#
12071000 S66AXT KQ33 > KH74	7Q7RM#
12081115 S66TWS 51,55981124 > JF96	B SRIEV
12081217 SRIEV JF96	SRIEVI#
12081217 SRIEVI 59+ > JF96	B SRIEV
12081520 S66TWS 558 -1529 > JF96	B SRIEV
12081531 S66PJS 59+ -1545 > JF96	B SRIEV
12081533 S66PJS KQ46 > JF96	SRIEVI#

Reports of Asia

ASIA, GENERAL

11300645 ASIAN TV 55 49.750 +/- 10 V	EL3TIC
12010330 ASIAN TV WEAK	49.750 V EL3TIC
12010430 ASIAN TV 59+ 49.750 +/- 10 V	EL3TIC
12010431 VIDEO 180 RTTY	49.75063 V V73AT
12060400 ASIAN VID 55 49.750+/- .010 V	EL3TIC
12080100 ASIAN TV VID 55	49.750 V EL3TIC
12130429 ASIAN TV > RE57OM	49.75+/- V EL3TY
12200720 ASIAN TV	49.750 V EL3TY
12240800 ASIAN TV 58	48.250 V EL3TIC

ISRAEL

10241010 4X1IF 599/579 KM72 RALPH	C YO7VS
10241020 4X6UJ 59/59 KM72MT HOWIE	S YO7VS
10241052 4X/K3BRS 59/53 KM72 AL	S YO7VS

JAPAN

11222333 J76CCU 59 PL36 OKINAWA	S PY5CC
11222340 JA2IGY	B EL2TFY
11222340 JA78MA	B EL2TFY
11222343 JA1-4/6-7/9-0 (50) -0014	W EL2TFY
11250325 JA2IGY	B EL2TFY
11250325 JA6YBR	H EL2TFY
11250325 JA78MA	B EL2TFY
11250326 JA1-5/7/0 (40) -0449	W EL2TFY
12010254 JA1RJU	H EL2TFY
12010354 JA5FFJ	W EL2TFY
12010400 JA1,2,4,7 (35)	W EL3TIC
12060542 JA78MA	B EL2TFY
12130404 JA2RLE	EL3TY
12130406 JA1VOK	EL3TY
12130409 JE1HLR	EL3TY
12130411 JA1RJU	EL3TY
12130412 JH1BSJ	EL3TY
12200600 JA1VOK + 14 JA0,1,7 -0639	W EL2TFY
12200643 JA7YSZ	50.110 EL3TY

KOREA,S.

11210301 HL1LTC	> PM85 50.110 B JE2DWE
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Reports of Europe

EUROPE GENERAL

11011527-EUR VIDEO S3	49.75 V S66PJS#
11011527-EUR VIDEO S9+20	48.25 V S66PJS#
11161105 EUR INBAND TV STRONG	-1112 I G4UPS
12010700 EUR? TV 59+ 48.2389/.25/.26	V EL3TIC
12010900 EUR? TV	48 MHZ V VK3OT

AUSTRIA

11171123 OE2UKL 59/59 JN67	S G4UPS
11191255 OE6UIG 59/59 JN77CM MARTIN	S G4UPS
11231915+OE6LOG 57	H G4UPS
11231915+OE6UIG 55	H G4UPS

BELGIUM

10231339 ON5FU 57/57 J0110H JAIME	S YO7VS
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CROATIA

11081144 9A3	Es	CT1DYX#
11161129 9A3HS 59/59 JN86FJ		S G4UPS

CZECH REPUBLIC

11161047 OK2DB 599/599 JN89	C G4UPS
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DENMARK

10271037 OE4D 599/599 J054SU	C YO7VS
11010XXX OE5W 52 TROPO? 1166 KM	W GJ4ICD#
11170815 OE7IGY 449 QSB IN/OUT	B G4UPS
11170848 OE6VHF 559	B G4UPS
11180902 OE7DX 55/55 J054 VOGG	S G4UPS
11240935 OE6VHF 569 -0946	B G4UPS
11240935 OE7IGY 559 -0946	B G4UPS

ENGLAND

10231338 GB8QX 57/57	S YO7VS
12071056 G4HBA	50.160 H OE5W#
12071337 G4YTD	S OE5W#
12071449 G1SWL 26	S OE5W#

ESTONIA

11041239 ES08IX 559 < 1300	B G4UPS
11171117 ES1CW 579/559 KO29 ARVO	C G4UPS

FINLAND

11041239 OH1SIX 559 < 1300	B G4UPS
11171315 OH1SIX 559 -1323	C G4UPS

FRANCE

10130940 F5BYM 59/54 IN94KO CHARLI	S YO7VS
10130942 F1MKE 59/58 JN05GQ DIDIER	S YO7VS
10131421 F1FKB 55/55 JN24BD	S YO7VS
11170922 F1AIT	W MM0AHM
11171107 F1JG 59/59 JN23	S G4UPS

GERMANY

10231149 DL5BAC 59/57 BREMEN HANS	S YO7VS
10231540 DL8SET 59/59 STUTTGART	S YO7VS
11170856 DL3AMA 519/419 J051ND	C G4UPS
11191253 DL4MDQ 57/57 JN58 MAX	S G4UPS
11231945+DL4MDQ >>	G4UPS
12102054 DL2LDU	50.110 H W2DRS

GREECE

11011527 SV1SIX JUST AUDIBLE	B S66PJS#
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ISLE OF MANN

11171150 GD3AHV 569/559 IO74 GEORGE	C G4UPS
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ITALY

10131018 I2WSG 59/59 JN45PB SILVIO	S YO7VS
10131039 IK5CVV 59/57 JN53FU CLAUDIO	S YO7VS
10131046 IK1TXM 59/57 JN44FH MARIO	S YO7VS
11011502 IK0VAQ	W S66PJS#
11081144 IN0	Es
11161150 IV3IIM 59/58 JN65PV DARIO	S G4UPS
11161150+IV3HDC 55	G4UPS
11161212 IV3HVR 55/55	S G4UPS
11171122 IK5DEC 57/57	S G4UPS
11171123 IK2EVU 57/59 JN45	S G4UPS
11191255 I (SEVERAL) < 1350	H G4UPS
11231945+I3LH 55	G4UPS

JERSEY IS.

12071046 GJ4ICD 26 1166 kms	B OE5W#
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MALTA

11011400 9H1SIX BS 180° -1430	B GJ4ICD#
11011455 9H5EE > KG33	W S66AXT#

NETHERLANDS

10231141 PE1PES 57/59 J020 DENIS	S YO7VS
10231146 PA0WFS 57/55 J033NB WILM	S YO7VS
10231336 PE1OXT 57/55 J022FE PETER	S YO7VS
10231337 PA0WLB 57/57 J022ID	S YO7VS
10271112 PE1PZA 59/57 J032BD PETER	S YO7VS
10271118 PE1RCO 59/57 J031GN ALEX	S YO7VS
11171228 PA3GML 559/559 J022 CHRIS	C G4UPS

POLAND

11171234 SP4MPB 599/599 KO03 MIREK	C G4UPS
11231930 SP9SD 59/59 JO90 LEO	S G4UPS
11231930 SP9CXT 55	H G4UPS

PORTUGAL

11170938 CT0W 569 030° NIL DIRECT	B G4UPS
11201218 CT1BES 59/59 IN50XT FERNANDES	G4UPS

ROMANIA

11161047-YO7CFD	G3HBR
11191150 YO2IS 579/579 KN05PS SZIGY	C G4UPS

RUSSIAN FEDERATION (Europe)

11290800 UA-TV 599+ Moscow 49.7476 V VK3OT
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SCOTLAND

11170900 GB3RMK 569-->599 -1207	B G4UPS
11190830 GB3RMK 599 IN/OUT -0844	B G4UPS

SERBIA

11011835 YU1ABA CLG CQ	50.110 ON1LGS#
11161153 YU6SIX 579	B G4UPS

11191243 YU6SIX 569
11231937 YULABA 539/539 KN04FT
11231944 YTLAU 599/599 KN04CP & 2013
11231945 YULBA 579/579 KN04DW

B G4UPS
C G4UPS
C G4UPS
C G4UPS

12302319 CBGAT14 2- PQ CARLETON > NJ T SHAFTAN
12302319 CKCW 2zNB > NJ T SHAFTAN
12302328 VE18UM 59+ FN84>EN66 50.001 B H8UPM
12311755 CJCH 4- HF Grand Falls1073 T SHAFTAN
12311810 CBGAT14 2- PQ Carleton 644 T SHAFTAN
12311815 CKCW 2z NB Moncton 56* 594 T SHAFTAN

11022257 PG/F56JJP 55 CHRIS S PY5CC
11022354 FG5BG CLG CQ 50.110 PY2XB#

GUATEMALA

1217XXXX TG950 W W6JKV/5

HAITI

12092232 HH7PV FK28 > EM09 W WOLL
12272220 HH7PV FK28 > EM95 50.125 W KD4RGD

MARTINIQUE

11022249 FM5BG CLG CQ 50.110 PY2XB#

MEXICO

11010023 XE1AVM 53 ISMAEL DK79 .110 LW5EJU
11091830 XE2UEL > CM88 B K6QXY
11112330 XE2UEL > CM88 B K6QXY
11162200 XE2UEL > CM88 B K6QXY
11181700+XE2UEL > CM88 B K6QXY
12040005 unID 2 Mexico T OGLETHO
12081920 XE2HWB > CM88 B K6QXY
12082133 unID 2 Mexico T OGLETHO
12091710 unID 2,4 XEW, others T OGLETHO
12091710 XHMRNT 4 YUC XHGC-5 T OGLETHO
12091710 XHY 2 YUC T OGLETHO
12091735 unID 6 XHGC-5 float T OGLETHO
12091840 unID 4 Mexico TV7 T OGLETHO
12091840 XEWOT 2 XEW T OGLETHO
12091840 XHG 4 JAL > 1003 T OGLETHO
12091859 XHIT 4 CHIH 778 T OGLETHO
12092230 unID 2,4,5 Mexico T OGLETHO
12092330-XE1GE EK08 57 W CO2OJ
12101828 unID 2,4,5 Mexico T OGLETHO
12102015 XHIT 4 CHIH 778 T OGLETHO
12110000+XE2UEL, 162° HWB > CM88 B K6QXY
12110052 XE2UEL XE0 DM10 50.027 B VE7SKA
12120045 unID 2 Mexico T OGLETHO
1212XXXX XE2HWB, XE2UEL > CM88 B K6QXY
12132050 unID 2,4,5 Televisa T OGLETHO
12132106 XE1RGL 55 -2335 EK08 50.11 H V31FD
12140000+XE1AVB DK79 > CM88 B K6QXY
12140000+XE2UEL, XE2HWB > CM88 B K6QXY
12140055 XE2HWB WKG K6QXY 50.140 H K6VR
12140XXX XE1AVM DK79 > DM06 K6MYC
12140XXX XE2HWB > DM06 K6MYC
12152251 XHIMER DF Mexico Cit 94.5 F W5IYX
12152255 XHMRD DF Mexico Cit104.9 F W5IYX
12152257 XERC- DF Mexico Cit 97.7 F W5IYX
12160001 XHPE DF Ciudad Guz 96.7 F W5IYX
12160012 X---- MX Toluca 93.3 F W5IYX
12160015 X---- GR Acapulco 97.7 F W5IYX
12160026 XHPO GR Acapulco 103.9 F W5IYX
12160031 XHRJ MX Toluca 92.5 F W5IYX
12162220 X??? MX to 105.7 F W5IYX
1217XXXX XE1BEF W W6JKV/5
12250300 X??? 3 TELEVISIA -0600 T N78OK
12251650 XE2UEL -1720 > CM88 50.027 B VE7SKA
12292210 XE2UEL BN > 0450 B W5IYX
12292315 X---- > 0540 F W5IYX
12300130 XE2HWB > CM88 B K6QXY
12300141 XE2HWB DL88 > CM87 KB6NAB
12302235+XE N MEXICO FM F W5IYX
12310000 XE1J > CM88 B K6QXY
12310000 XE2HWB > CM88 B K6QXY
12310120 XE1J DKC9 WKG W6 > EL09 H W5IYX
12310120 XE2UEL -0200 > EL09 B W5IYX
12311910 XE TV 2 T W5IYX
12312019 XE2UEL > 0140 > EL09 B W5IYX
12312030 XE TV 3,4 T W5IYX
12312100 XE TV 5 T W5IYX
12312230 XE2 > CM88 K6QXY
12312230 XE2 WKG W6, W7 50.119 H CO2OJ
01010000 XE FM VERACRUZ F W5IYX
01010030-XE1AM > EL29 50.110 H K5LLL
010100XX XE2 > RE66 H EL3TIC
01010042-XE2YB DL99 FOR 2 HRS .121 H EL2TYP

NICARAGUA

11040015 YNGWFM 53 HIRO QSL VIAJAVU S PY5CC
11130053 YNGWFM 57 HIRO S PY5CC
11260022 YNGWFM 59+ HIRO S PY5CC
11280141 YN4WFM WKG WP4MSL 50.110 H PP1CE#

PANAMA

12282056 HP > EM90 W4UE

PUERTO RICO

10312332 WP40 50.110 PY5CC#
11012320 WP4MSL 59 JOSE 50.110 S PY5CC
11012332 WP4MSL 59 JOSE F2 50.110 LW5EJU
11020004 WP4LUU 51 LUIS S PY5CC
11020005 KP4EIT 52 PAPO S PY5CC
11022351 KP3AA CLG CQ 50.118 PY2XB#
11030014 KP4UK 50.110 PY5CC#
11032232 WP40 55 ED S PY5CC
11032358 WP40 51 EDWIN TE 50.115 LW5EJU
11040015 KP4EIT 53 PAPO TE 50.115 LW5EJU
11042245 WP40 57 EDWIN TE 50.110 LW5EJU
11042247 KP4EIT 51 PAPO TE 50.110 LW5EJU
11042250 KP4UK 59 MARCOS TE 50.110 LW5EJU
11042325 KP4EIT 57 PAPO TE 50.130 LW5EJU
11070000 WP40 529 TE 50.110 C PP1CE#
11092330 WP40 53 > GG54RE S PY5CC
11102329 KP3AA 59+ S PY5CC
11102341 WP40 51/56 S PY5CC
11172320 WP40 559 50.110 C PP1CE#
11172328 KP4OX 429 50.110 C PP1CE#
11180015 KP4EIT 55 PAPO TE 50.120 LW5EJU
11180025 WP40 53 EDWIN TE 50.110 LW5EJU
11212321 WP4MSL 50.110 PY5CC#
11212326 WP4G 59 ANGEL 50.110 S PY5CC
11212338 KP4HX 51 50.100 S PY5CC

SICILY

11011455+IT9RER > KQ33 W S86AXT#
11011502 IT9RER W S86PJS#

SLOVENIA

11161123 S57AC 57/57 JN76TB BOJAN S G4UPS
11161140 S55ERS 599 B G4UPS
11161140 S58J 59/59 JN76EG JAN S G4UPS
11161147 S52OT 59/59 JN75DM RADO S G4UPS
11171123 S55ERS 579 B G4UPS
11191215 S55ERS 579-->599 B G4UPS
11191226 S51UP 59/59 JN76UP RUDI S G4UPS
11191230 S57KA 59/59 JN76HE MIRAN S G4UPS
11191243 S57AC 59/59 JN76TB BOJAN S G4UPS
11230835 S55ERS 559 <0851 B G4UPS
11231915 S58J 559 H G4UPS
11231929 S51UP 58/57 JN76UP RUDI S G4UPS

SWEDEN

10231014 SM7AED 579/599 JO65 ARNE C YO7VS
10231430 SM7AED 59/59 JO65 S YO7VS
10271028 SM7WDS 59/59 JO66WO GEORGE S YO7VS
10271045 SM7AED 59/57 JO65 ARNE S YO7VS
11041215 SK3SIX 579 --> 599 B G4UPS
11041227 SM3VSE 57, WKD 1239 H G4UPS
11080847 SM7AED 599/599 B G4UPS
11170919 SM3BIU 579/579 JP73BT BAS C G4UPS
11171204 SM7AED 59/59 JO65 ARNE S G4UPS
11270856 SM7AED 599/599 C G4UPS

Reports of North America

This month's TV/FM DX reports via Es were submitted by WA5IYX; N7SOK; VE7SKA; Danny Ogglethorpe, Shreveport, LA; & Rick Shaftan, Sparta, NJ.

BAHAMAS (Abaco Is.): WZ8D reports 400 QSOs on 6m from C6AIE, (and 10 on 2m) during their mid-December trip.

12111600-C6AIE > EN61 59+40 W W9PS
12141817 C6AIE 55/55 FL16 50.13 S V31FD
12280215 C6AFP 529-539 0245 50.062 B K2SPO
12281845 C6AFP 529-539 FL16 > FM13 B K2SPO

BELIZE: Tom, K0TLM, writes: "I took a trip to Belize on short notice following the termination of my last employment. Along with the shorts and swimming trunks I took an Icom IC706, a M2 6m5 Yagi antenna and some wire and coax. I thought I might find some TE propagation on 6. I found none. I first set up the beam near Placencia (EK56) with only QSOs made by tuning the beam to 10m. I moved to Ambergris Caye (EK67) and only put up a 10m dipole at first. While operating the ARRL 10m contest, I heard some short skip. Switching to 6, I heard stations in Mexico and Texas. The 10m dipole was inadequate for making myself heard though. The next morning, after once again hearing Sporadic E on 10, I quickly assembled 3 elements of the 5 element beam and mounted it under the dipole on the roof of the two story hotel. I worked about 80 stations in 10 states and Bahamas in the next two hours from 1742 to 2021Z on December 14 with one more at 2356Z. My ticket home was unfortunately for the next day, so the fun had to end.

01010050 V3? FM BELIZE 88.9 F W5IYX

CANADA, Eastern

12061910+VE3TFU EN93 < 2034 W CO2OJ
12100135 VE1SMU/SI S9 SABLE IS. B W2DRZ
12102054-VE1SMU-H >2129 >PN02 B W2DRZ
12272331+VE3FGU FN04 < 0201 W PY5CC
12282242-VE1YX 59+ > EN37 50.148 H WTON
12302300-CJCN 4 NF > NJ T SHAFTAN

CANADA, Western

11060315 VE7KF CH89 > CH80 AU W KC61PF
11060316 VE7SKA CH88 > CH80 AU W KC61PF
11060319 VE7QO CH89 > CH80 AU W KC61PF
11102030 VE6ARC > CM88 B K6QXY
12110303 VE6MTU 65° AU DO33 50.041 B VE7SKA
12110316 VE6WTF 60° AU DO31 50.125 C VE7SKA
12310400-VE4VHF B W7DB
12310512 VE7CUP 55 NEW HAZELTON-CO65 S W7DB

CAYMAN IS.

12272010 EF EK99 > 2100 WA5RT
12280100 EF1DC > EM79 H H8EJN
12282235+EF2MU EK99 > EM79 W H8EJN
12312230 EF1DC 56 EK99 WKD 2307>CM88 K6QXY

COSTA RICA

11010023 T15GAX 53 GUILLERMO 50.120 LW5EJU
11010205 T15KD 53 CARLOS TE 50.110 LW5EJU
11012330 T12RA 59+ F2 50.0785 B LW5EJU
11012352 T15KD 55 CARLOS S PY5CC
11020037 T14JHQ qq 50.105 PY2XB#
11020037 T15KD carlos 50.125 PY2XB#
11030048 T14JHQ 59+ EDUARDO EK70 S PY5CC
11032356 T14JHQ 50.110 PY2PA#
11070100 T14JHQ 55 TE 50.110 S PP1CE#
11100051 T15KD 57 > GG54RE S PY5CC
11100054 T12RA 57 TE 50.0785 B LW5EJU
11100215 T15KD 57 CARLOS TE 50.120 LW5EJU
11110101 T17BAM/4 529 50.110 C PP1CE#
11110240 T14JHQ 57 EDUARDO TE 50.110 LW5EJU
11120025 T14JHQ 55 EK70 50.110 S LUS8WD#
11130053 T14JHQ 55 S PY5CC
11172342 T14JHQ 55 50.110 S PP1CE#
11200049 T14JHQ 55 50.110 S PP1CE#
11220011 T14JHQ 50.110 PP5JD-1
11260054 T17WAM/4 55 EK70 S PY5CC
11272357 T15/K9VU 55 FRED EJ79 S PY5CC
12091233 T12NA? FOR 5 SEC 50.079 B VA2GRU
12270007 T15KD > EM79 W H8EJN
12271735 T15KD EJ79 > EL83 50.110 W CO2OJ
12271735+T15GAX EK70 > EL83 50.105 W CO2OJ

CUBA

12092250 CUBA 5 S/ON 2300 T OGLETHO
12120015 CUBA 2,4,5 T OGLETHO
12132103 CUBA 2 ICRT TP T OGLETHO
12272010 CQ EL83 > 2110 WA5RT
12272220 CO2OJ EL83 > EM95 50.125 KD4RGD
12282235+CO2OJ EL83 > EM79 W H8EJN
12312220 CO2OJ > EM97 50.125 KB8TEJ
12312230 CO2OJ > CM88 K6QXY

DOMINICAN REPUBLIC

11032355 H10VHF 53 TE 50.008 B LW5EJU
11042237 H10VHF 57 TE 50.008 B LW5EJU
12080000 H10VHF 539 50.008 B PY5CC#
12150007 H10VHF 519 50.008 B PY5CC#
12190030 H10VHF 539 -0100 50.008 B W4CHA#

EL SALVADOR

11010007 Y61ECB 53 EDGARDO 50.110 LW5EJU

GREENLAND: Claus, OZ1FDH, reports that the OX1 reported on 50 MHz is a bootlegger. The only OX1 callsign ever issued was OX10 to celebrate the 10 anniversary of the home rule in Greenland. At present only OX3XR is QRV on 50 MHz from Greenland. {Your editor opines: I don't care if he was a bootlegger! Was he really operating from Greenland???? Bearings, anyone??}

12100044 OX1T WKG AE 50.152 KBMFO#
12100053 OX1T < 0046 50.152 W3EP/1#

GRENADA

11070028 J3EOC 539 TE FK92 50.0560 B PP1CE#
11082301 J3EOC 559 50.056 B PY5CC#
11092335 J3EOC 559 50.056 B PP1CE#
11100055 J3EOC 59 50.057 B HC2PG#
11112135 J3EOC VY STRONG 50.060 WP4G#
11172352 J3EOC 439 50.056 B PP1CE#
11200050 J3EOC 539 50.056 B PP1CE#
11250200 J3EOC 51 TE 50.056 B LW5EJU
12030118 J3EOC VY WEAK 50.056 B PP1CE#
12050125 J3EOC VY STRONG 50.056 B PP1CE#
12070000 J3EOC 559 50.056 B PY5CC#
12100156 J3EOC WEAK 50.056 B PP1CE#
12172312 J3EOC 529 50.056 B PY5CC#

GUADELOUPE

11010006 FG5BG 50.110 PY2DP#
11012302 FG5BG 599 GEORGE GUADALOPE C PY5CC
11012332 FG5BG CQ 599 CW 50.110 PY5CC#
11022252 FG5BG 599 GEORGE C PY5CC

11212340 KP4EIT 51 50.110 S PY5CC
11222326 WP40 57 S PY5CC
11232340 WP40 55 EDWIN TE 50.130 S LW5EJU
11232320 KP4EIT 55 > GG54RE S PY5CC
11232330 WP40 59 > GG54RE S PY5CC
11242321 WP40 57 S PY5CC
11250220 KP4EIT 57 PAPO TE 50.120 LW5EJU
11250235 KP4BE 55 TIM FK78 50.120 LW5EJU
11252340 WP40 59 S PY5CC
11262327 WP40 55 ANGEL S PY5CC
11262240 WP40 55 S PY5CC
11262304 KP4EIT/M 55 > GG54RE S PY5CC
11262309 WP4LLH 55 > GG54RE S PY5CC
11262310 WP4MSL 59 JOBE S PY5CC
11262318 WP4K 59 > GG54RE S PY5CC
11270020 KP4BE 55 TIM S PY5CC
11272333 WP4G 57 ANGEL S PY5CC
11280131 WP4MSL STRONG 50.110 H PP1CE#
11292327 WP40 52 EDWIN TE 50.110 LW5EJU
11292328 KP4EIT 57 PAPO TE 50.130 LW5EJU
11210115 WP40 50.110 PY2XB#
11282006 KP4A 559 FK68 > EM21 50.119 C WA5JCI
11282235 KP4EIT FK68 > EM79 W N8EJH
11282235 KP4YA > EM79 W N8EJH
11282235 WP3X > EM79 W N8EJH

ST KITTS & NEVIS IS.

11032355 V44K 51 TE 50.055 B LW5EJU
11070023 V44K 529 TE FK87 50.054 B PP1CE#
11082305 V44K 539 50.054 B PY5CC#
11172345 V44B 429 50.055 B PP1CE#
11260300 V44K 57 TE 50.055 B LW5EJU
11262347 V44KAA 59+ > GG54RE S PY5CC
11250007 V44K 579 50.054 B PY5CC#
11272316 V44K 559 50.054 B PY5CC#
11282235 V44KAA FK87 > EM79 W N8EJH

ST PIERRE

12112357 FP5XAB GB16 B W2DRE

United States, W1

11262248 W3JW 55/59 MICK S PY5CC
11262249 K1MUC 57/59 > GG54RE S PY5CC
11262253 K1MFA 51/54 > GG54RE S PY5CC
11262255 K1TOL 52 > GG54RE S PY5CC
11262257 W1LP 55 > GG54RE S PY5CC
11262259 K1YFJ 52 > GG54RE S PY5CC
11262259 K1A 53 > GG54RE S PY5CC
11262300 W1LECF 51 > GG54RE S PY5CC
11262305 K1SF 52 > GG54RE S PY5CC
11262314 K1RAK 51 > GG54RE S PY5CC
11262315 W1DU 52 > GG54RE S PY5CC
11262316 W1TBR 52 > GG54RE S PY5CC
11262321 W1RA 51 > GG54RE S PY5CC
11261910 W1LP FM41 < 2034 W CO2QJ
12092313 W1 CT, MA > EM13 W7XU/0
12092358 K1WV -0020 W PY5CC
12102129 W1DR > FM02 50.070 B W2DRE
12280256 W1 CT > EM90 WAUE
12292220 W1 ME, MA, NH > EM79 N8EJH
12302327 W1RA 579 FM41 > EM66 50.070 B N8PUM
12302327 W1AQB FM54 > EM66 50.067 B N8PUM
12302346 W1WFM FM41 > EM66 50.061 B N8PUM

United States, W2

010100XK W2 > RE66 H EL3TIC
11262259 W2LT 51 > GG54RE S PY5CC
11262306 K2XX 51 JOE > GG54RE S PY5CC
11262313 K2QE 51 > GG54RE S PY5CC
12091940 W0RE 2 WY 1091 T OGLETHO
12101717 W0RE 2 WY 1091 T OGLETHO
12141746 KB2SGF 59/59 FM05 50.13 S V31FD
12141747 W2BEY 59/59 EL98 50.13 S V31FD
12141909 W2WEO 53 50.13 S V31FD
12141915 W2WEO 56/57 EM93 50.13 S V31FD
12272300 W2UAH FM20 1261 MI W CO2QJ
12272300 W2DRR FM02 1329 MI W CO2QJ
12282056 W2 WY > EM90 WAUE
12282240 W2 > EM37 H W7ON
12310245 W2ODU FM02 > CM85 H N7DB
12310258 W2 FM02 > DM79 W K6LS/0

United States, W3

11262308 W3EP 59 EMIL > GG54RE S PY5CC
11262345 W3JO 53 > GG54RE S PY5CC
12061910 W3JO FM29 < 2034 W CO2QJ
12090350 W3JAL EM90 > FM46 < 0510 W VA2RMX
12092028 KDKA 2 PA 945 T OGLETHO
12092045 WNAH 2 MD 1072 T OGLETHO
12092045 WRC 4 DC 1042 T OGLETHO
12101659 WNAH 2 MD 1072 T OGLETHO
12110118 WNAH 4 DC 1042 T OGLETHO
12110329 W3DHJ DM68-DM04RK 50.125 KC6WFS
12200034 W3BTK 539 50.110 C PP1CE#
12270201 W3JO S5 50.110 W PY5CC
12272300 W3BH EM60 W CO2QJ
12282250 WRRK PA Braddock 96.9 F WA5IYX

United States, W4

11181700 W4KE > CM88 B K6QXY
11181700 W4 TN > CM88 B K6QXY
11270023 AF4CD 51 > GG54RE S PY5CC
11270030 KF4ET > DM59 W W0MTK
11270043 W4DUP EM55 > DM59 W W0MTK
11270055 W4 W9GU EM91 > DM59 W W0MTK
12061910 K44NUG EM75 < 2034 W CO2QJ
12061910 K44JHX EM96 < 2034 W CO2QJ
12061910 W4TLM FM07 < 2034 W CO2QJ
12062245 WESH 2 FL 789 T OGLETHO
12062255 WFTB 2 FL 939 T OGLETHO
12062313 WFOR 4 FL 939 T OGLETHO
12090350 K44RHG EM95 > FM46 < 0510 W VA2RMX

12090350 KB4BP EM78 > FM46 < 0510 W VA2RMX
12090350 KE4HOA FM06 > FM46 < 0510 W VA2RMX
12090350 KE4IMV EM96 > FM46 < 0510 W VA2RMX
12090350 KF4JLV EM86 > FM46 < 0510 W VA2RMX
12090350 KF4TCD FM07 > FM46 < 0510 W VA2RMX
12091747 WFTB 2 FL 939 T OGLETHO
12092007 WPCB GA Atlanta 94.9 F WA5IYX
12092104 WSHS 2 FL 789 T OGLETHO
12092115 W4 FL, GA > EM13 W7XU/0
12092135 WFTB 2 FL 939 T OGLETHO
12092143 WFOR 4 FL 939 T OGLETHO
12092145 WPTV 5 FL 912 T OGLETHO
12092158 WHPX GA St. Simons 92.7 F WA5IYX
12092202 WFSJ FL St. Augustine 97.9 F WA5IYX
12092203 WQWV GA Valdosta 95.7 F WA5IYX
12092205 WTVJ 6 FL 939 T OGLETHO
12092206 WGLF FL Tallahassee 104.1 F WA5IYX
12092219 WPGA GA Waycross 103.3 F WA5IYX
12092221 WSLG GA Cairo 102.3 F WA5IYX
12092223 WHPX FL Perry 105.5 F WA5IYX
12092224 WMMK GA Dock Jet 105.9 F WA5IYX
12092227 WROK FL Jacksonville 107.3 F WA5IYX
12092231 WQOP GA Folkston 92.5 F WA5IYX
12092232 WKGS AL Mobile 94.9 F WA5IYX
12092235 WQFL FL Jacksonville 96.9 F WA5IYX
12092236 AF4GK > DM59 W W0MTK
12092242 WBTW 3 MC Charlotte T WA5IYX
12092244 WA4HFM EM55 > DM59 W W0MTK
12092252 WA4GLV EM83 > DM59 W W0MTK
12092300 WA4WKE EM74 > DM59 W W0MTK
12092303 WBOV FL Key West 92.5 F WA5IYX
12092308 WKRY FL Key West 93.5 F WA5IYX
12092308 KD4K EM74 > DM59 W W0MTK
12092316 KD4BOO, MA41 EM83 > DM59 W W0MTK
12092318 WHOG FL Ormond-by- 95.7 F WA5IYX
12092326 WCFB FL Daytona Be 94.5 F WA5IYX
12092329 WNDU 3 FL Tampa T WA5IYX
12092336 WNKX FL Orlando 92.3 F WA5IYX
12092358 W4/K1WV 52 50.110 W PY5CC#
12092358 W4LK -0020 W PY5CC
12092359 WNAW 3 MC Wilmington T WA5IYX
12100021 W4LK 50.110 W PY5CC#
12101515 W4 FL, GA, SC > FM18 (VA) H KB4CV
12101530 WUND 2 MC 1031 T OGLETHO
12101620 WCBF 2 SC 805 T OGLETHO
12101708 WSB 2 GA 551 T OGLETHO
12101758 WNAW 3 MC Wilmington T WA5IYX
12101901 WMMK SC Georgetown F WA5IYX
12101901 WYAV SC MyrtleBea 104.1 F WA5IYX
12101902 WDOG SC Allendale 93.5 F WA5IYX
12101904 WBAV SC Barnwell 99.1 F WA5IYX
12101906 WRRN SC Murrells I 94.5 F WA5IYX
12101909 WNBW SC Bamberg 95.7 F WA5IYX
12101917 WSEY GA Augusta 105.7 F WA5IYX
12101921 WACJ SC Bowman 94.5 F WA5IYX
12101922 WIIH SC Blackville 97.9 F WA5IYX
12101925 WJER SC Charleston 96.9 F WA5IYX
12101929 WHLS SC Manning 92.5 F WA5IYX
12101937 WRRN GA Millen 94.9 F WA5IYX
12101941 WVOH GA Hazlehurst 93.5 F WA5IYX
12101942 WBYE GA Baxley 94.5 F WA5IYX
12102100 W4 FL > CM88 K6QXY
12110100 WUNC 4 MC 875 T OGLETHO
12110100 WUND 2 MC 1031 T OGLETHO
12112015 WCBF 2 SC 805 T OGLETHO
12112029 WNAW 3 MC Wilmington T WA5IYX
12112135 WESH 2 FL 789 T OGLETHO
12112242 WRCB 3 TN Chattanooga T WA5IYX
12112255 WUND 2 MC 1031 T OGLETHO
12112329 WJSK 2 TN Sneedville T WA5IYX
12112350 WFOR 4 FL 939 T OGLETHO
12112350 WPTV 2 FL 939 T OGLETHO
12112350 WPTV 5 FL 912 T OGLETHO
12120004 W4/KL7GLA okg CQ 50.125 H VZ9AA
12120140 WESH 2 FL 789 T OGLETHO
12123208 WFTB 2 FL 939 T OGLETHO
12123225 WFTB 2 FL Miami T WA5IYX
12123234 WWAY 3 MC Wilmington T WA5IYX
12141700 W4TUV FM05 CO2QJ
12141700 KD4RZO, KF4RLQ, KF4RYG EM90 CO2QJ
12141700 KF4GYI EM93 W CO2QJ
12141700 KF4IFR EL98 W CO2QJ
12141700 W4/WAZLXG EL98 59++ W CO2QJ
12141742 W4TUV 59/59 EL89 50.125 S V31FD
12141742 W4OMG 59/59 EL87 50.125 S V31FD
12141744 W4CHA 59/59 EL88 50.13 S V31FD
12141746 W4MGB 59/59 EL87 50.13 S V31FD
12141747 KF4JEB 59/59 EM92 50.13 S V31FD
12141748 KD4RZO 59/59 EM90 50.13 S V31FD
12141749 KB4TEQ 59/59 EM73 50.13 S V31FD
12141749 W4BYJG 59/59 EL96 50.13 S V31FD
12141750 KR4QO 57/55 FM06 50.13 S V31FD
12141750 W4VOU 57/57 EL96 50.13 S V31FD
12141751 K4HQO 58/58 EM94 50.13 S V31FD
12141751 KD4JRX 57/55 FM14 50.13 S V31FD
12141751 W44WXE 59/59 EM74 50.13 S V31FD
12141753 K4EYU 55/55 EM84 50.13 S V31FD
12141753 W4DXA 57/57 EM94 50.13 S V31FD
12141754 KF4EWA 59/57 EM83 50.13 S V31FD
12141754 KF4HYB 57/57 FM02 50.13 S V31FD
12141756 W4ULW 55/55 EL96 50.13 S V31FD
12141757 AF4AY 59/59 FM04 50.13 S V31FD
12141758 KF4RLQ 57/59 EM97 50.13 S V31FD
12141759 KF4HH 55/55 EM90 50.13 S V31FD
12141800 KF4TYB 59/59 50.13 S V31FD
12141801 KF4GYI 59/59 EM93 50.13 S V31FD
12141802 KF4IEL 59/59 EM91 50.13 S V31FD
12141804 K4KAE 56/58 FM02 50.13 S V31FD
12141805 K4JAE 58/58 EL98 50.13 S V31FD
12141806 W4DUP 55 EM55 50.13 S V31FD
12141806 W4WT 59/59 EM74 50.13 S V31FD
12141807 KC4KOJ 57/59 EM82 50.13 S V31FD
12141808 KF4RYG 57/57 EM90 50.13 S V31FD
12141809 KR4TG 55/59 EM74 50.13 S V31FD
12141811 KB4HGB 59/59 EM83 50.13 S V31FD
12141814 KB4XE 57/57 EL96 50.13 S V31FD
12141821 KB4TV 57/55 EM84 50.13 S V31FD

12141823 KF4JLV 55/55 EM90 50.13 S V31FD
12141825 KB4KR 57/57 EM73 50.13 S V31FD
12141826 KD4GVW 59/59 EM84 50.13 S V31FD
12141835 K4P1 599/599 EM73 50.13 C V31FD
12141836 W4WT 599/599 EM74 50.13 C V31FD
12141843 KB4TRQ 59/59 50.13 S V31FD
12141846 KB4KR 59/59 50.13 S V31FD
12141847 KB4KCP 55/59 EM74 50.13 S V31FD
12141857 MA41 59/59 EM83 50.13 S V31FD
12141901 W4UDH 53/55 EM52 50.13 S V31FD
12141905 W4AGLV 56/56 EM83 50.13 S V31FD
12141907 W4LK 57/57 EM93 50.13 S V31FD
12141914 W4AEWA 57/57 EM93 50.13 S V31FD
12141919 W4AEWA S V31FD
12141934 W4/KB6EL 56/59 EL98 50.13 S V31FD
12141938 K4SC 59+/59+ EL98 50.13 S V31FD
12141947 W4AER 59/59 EL98 50.13 S V31FD
12141950 KB4OED 56/57 EL98 50.13 S V31FD
12141951 AF4GK 59+/59 EL98 50.13 S V31FD
12141954 K4WGU/m 56/53 EL98 50.13 S V31FD
12141957 AF4GH 59/59 EL98 50.13 S V31FD
12141958 KR4WB 57/57 EL98 50.13 S V31FD
12142005 K4XX 559 EL98 -2025 50.077 B V31FD
12142006 K4AJE 57/59 EL98 50.13 S V31FD
12142356 KF4MH 59/59 EM50 50.125 S V31FD
12181718 WBTW 3 MC Charlotte T WA5IYX
12181724 WNCU MC Durham 90.7 F WA5IYX
12182333 W4BOQX GA > FK68 W WPAO
12182339 KJ4E EL98 > FK68 W WPAO
12182342 KD4LCO EM90 > FK68 W WPAO
12182345 W4RFB TAMPA FL > FK68 W WPAO
12182348 J4JY EL97 > FK68 W WPAO
12182351 K4GTU FL > FK68 W WPAO
12182354 K4OJJO ORLANDO FL > FK68 W WPAO
12182357 KF4KSB LAKELAND FL > FK68 W WPAO
12190000 W4/W3BTX EL98 > FK68 W WPAO
12190003 K4T7YB EL98 > FK68 W WPAO
12190006 W4CHA EL88 VY LOUD > FK68 W WPAO
12190015 W4/KB3MR EL89 > FK68 W WPAO
12190018 K4PCW EL89 > FK68 W WPAO
12192357 KJ4E 539 50.100 C PP1CE#
12270007 W4 LOTS > EM79 W N8EJH
12270206 AE4SW, AE4RO W PY5CC
12272045 W4 EL/EM/FM/FN < 2245 W CO2QJ
12272300 AE4EJ EM94 W CO2QJ
12272300 KD4GVW EM84, KF4PAF EM75 W CO2QJ
12272300 KD4HLG EM73, KE4JLE EM75 W CO2QJ
12272300 KJ4SO FM05, KF4EWA EM83 W CO2QJ
12272300 W4/K4WV FM08, K4U EM95 W CO2QJ
12272300 W4/W3UUM EL29 W CO2QJ
12272331 NACH TEP+SE S PY5CC
12272356 WEDU 3 FL Tampa EL87UT T WA5IYX
12280005 WKRY FL Key West 93.5 F WA5IYX
12280013 WFLA FL Tampa 93.3 F WA5IYX
12280017 WMTX FL Clearwater 95.7 F WA5IYX
12280017 WWRN FL Tampa 94.9 F WA5IYX
12280021 WNKX FL Orlando 92.3 F WA5IYX
12280023 WCFB FL Daytona Be 94.5 F WA5IYX
12280025 WMMO FL Orlando 98.9 F WA5IYX
12280026 WTKT FL Crystal Ri 98.5 F WA5IYX
12280031 WHQO FL Orlando 96.5 F WA5IYX
12280036 WOGK FL Ocala 93.7 F WA5IYX
12280041 WYOC FL High Spring 104.9 F WA5IYX
12280044 WNFV FL Lake City 94.3 F WA5IYX
12280045 WOCL FL De Land 105.9 F WA5IYX
12280047 W4UDH EM52 Es 144 W K2RTH
12280047 W4/KB6EL EL95 Es 144 H K2RTH
12280047 W4/W4NHW EL94 Es 144 W K2RTH
12280050 W4/W6 FL AMTOR > EM40 50.099 H K4SCFD
12280050 WFSJ FL St. August 97.9 F WA5IYX
12280055 WBEZ FL Port St. J 93.5 F WA5IYX
12280055 WFKS FL Palatka 99.9 F WA5IYX
12280100 WQFL FL Jacksonville 96.9 F WA5IYX
12280100 W4 MANY > EM79 W N8EJH
12280109 WJXR FL Macclenny 92.1 F WA5IYX
12280112 WQIK FL Jacksonville 99.1 F WA5IYX
12280221 WSB 2 GA Atlanta EM73TS T WA5IYX
12280230 W4 FL EL95, 96, 97, 98 > FM13 H K2EPO
12280233 WMCU FL Miami 89.7 F WA5IYX
12280235 WRAS GA Atlanta 88.5 F WA5IYX
12280250 WPCB GA Atlanta 94.9 F WA5IYX
12280409 WRCB 3 TN Chattanooga EM75 T WA5IYX
12281800 AF4GK EL98 < 1840 S W6CAP
12281800 K4APGW EL98 < 1840 S W6CAP
12281800 W4/WAZLXG EL89 < 1840 S W6CAP
12281800 W4UE EM90 < 1840 C W6CAP
12281930 W4 FL WNCU AZ > EM21 H WA5JCI
12282045 WJSK 2 TN Sneedville EM86 T WA5IYX
12282122 WRFM FL Palm Beach 97.9 F WA5IYX
12282157 WSB 2 GA Atlanta EM73TS T WA5IYX
12282224 WKRA NC Eden 94.5 F WA5IYX
12282235 W4 SC, GA, FL > EM79 W N8EJH
12290222 W4 FL > IA EM31 Es 144 KOKD
12292250 W4 > EM37 50.125 H W7ON
12310235 K4SMK, K4YXK FM16 > CM85 W7DB
12312145 W4 W4 > EL83 H CO2QJ
12312310 KD4ADP EL88 > DM04 50.140 S 68E
12312333 W4DR FM17 (HD #2314) S EL2TFY
01010032 W4/W3UUT LOST H EL2TFY

United States, W5

10230148 W5FF DM64 S XE2HNB
10230158 K5SNOA EL08 S XE2HNB
11091830 W5 NM Es > CM88 K6QXY
11150200 W5 NM > CM88 K6QXY
11152000 W5 NM > CM88 K6QXY
11181700 W5 TX, NM > CM88 K6QXY
12141700 W5 OK > CM88 K6QXY
12170123 KC5VXT EM32 > DM59 W W0MTK
12170200 W5OZI EM00 > DM59 W W0MTK
12170215 KB5YFN > DM59 W W0MTK
12171840 W5 NM > CM88 K6QXY
12090058 KA5GLX EL29 > DM59 W W0MTK
12090106 KB5VQK EM15 > DM59 W W0MTK
12090106 N5OB EL18 > DM59 W W0MTK

12092212 KB5VRO EM34 > DM59 W W0MTK
 12092228-KB5RRH EM20 > DM59 W W0MTK
 12092332-KA5GHH EM54 > DM59 W W0MTK
 12092348-W5XLD/HL29 > DM59 H W0MTK
 12100336 W5 > DM59 H W0MTK
 12102100 W5 WM,LA,AR > CM88 B K6QXY
 12102100+W50E1 > CM88 B K6QXY
 12102135 KDBCT 4 TX CB8 T OGLETHO
 12102135 KFOR NM Gallup 94.5 F W5IYX
 12102141 KXKI NM Gallup 93.7 F W5IYX
 12102142 KFMQ NM Gallup 106.1 F W5IYX
 12102203 W5XEM 59/59 DM80-CM80 50.130 S K6IIF
 12102205 W5UPH 59 EL19-CM80 50.130 S K6IIF
 12102217 K5WM 59 EL09-CM80 50.130 S K6IIF
 12102233 W5EUB EL29 > DM59 50.135 W W0MTK
 12102252 W5BQ EL09 > DM59 50.135 W W0MTK
 12102356 W5IXR 59 DM76-CM80 50.125 S K6IIF
 12110000+W5 WM, TX > CM88 K6QXY
 12110155 K5VXT EM32 > DM31XA W W47HQD
 12110157 KM5IA EM15 > DM31XA W W47HQD
 12110200 KB5GQH EM34 > DM31XA W W47HQD
 12110200 KFDX 3 TX Wichita Falls T W7SKA
 12110203 W5/WT7D EM12 > DM31XA W W47HQD
 12110205 K5SMO DM95 > DM31XA W W47HQD
 12110208 W5MO EM13 > DM31XA W W47HQD
 12110210 KA5ETI EM05 > DM31XA W W47HQD
 12110235 K5SHD EM36 > DM31XA W W47HQD
 12110244 W5RP DM91 > DM31XA W W47HQD
 12110248 WD5BST DM93 > DM31XA W W47HQD
 12110251 KB5MIL EM26 > DM31XA W W47HQD
 12110253 K5RHR DM65uv > DM31XA W W47HQD
 12110420 K5SES 57 DM62-CM80 50.125 S K6IIF
 12130106 W5 -0140 H W0MTK
 12132200 W5 WM, TX > CM88 K6QXY
 12132210 W5UPH EL19 > EM72 W KR4M
 12132231 W5GVE EM01 > EM72 W KR4M
 12132328 W5/W6JKV 559 50.11 H V31FD
 12141640 K5CM 579 B V31FD
 12141739 W5VAS 569 B V31FD
 12141744 KB5WFE 59/59 EM32 50.13 S V31FD
 12141745 W5UUD 59/59 EL49 50.13 S V31FD
 12141750 W5ART 59/59 EL49 50.13 S V31FD
 12141752 K5CCT 57/58 EM22 50.13 S V31FD
 12141752 K5KBD 57/57 EM50 50.13 S V31FD
 12141753 K5UR 59/59 EM35 50.13 S V31FD
 12141758 K5LUY 55/55 EM50 50.13 S V31FD
 12141759 W5VAS 59/59 EL49 50.13 S V31FD
 12141800 B5YEE 57/55 EM42 50.13 S V31FD
 12141801 B5UXT 59/59 EM40 50.13 S V31FD
 12141805 W5KSI 55/55 EM40 50.13 S V31FD
 12141810 KB5EZA 56/56 EM53 50.13 S V31FD
 12141827 B5YEE 59/59 S V31FD
 12141918 W5UUD 59/59 EL49 50.13 S V31FD
 12141921 K5TAO 53/55 EL29 50.13 S V31FD
 12141926 K5FMT 57/57 EL29 50.13 S V31FD
 12141929 K5FNU 57/57 EL29 50.13 S V31FD
 12142345 W5VAS 539 EL49 -0015 50.061 B V31FD
 12171641 W5 EM00 > EM54 W KC5UDM
 12250100+W5 DM95 > CM85 < 0236 W N7EJ
 12250100+W5 EM13,22,30,40,50,52-CM85 W N7EJ
 12250216 W5 NM DM65,56,64 140' V87SKA
 12250223 KASA 2 NM 140' DM65 T V87SKA
 12251600 W5 NM > CM88 K6QXY
 12251630+W5 NM DM65 -1800 > CM98 H6KXB
 12252145 K5PRI DM81 > DM04 50.125 S K6WFS
 12260200+W5 EM21 TX EM25 OK < 0319 W H6KXB
 12260200+W5 LA EL49,EL59 < 0319 W H6KXB
 12260200+W5 NM DM65 > CM98 < 0319 W H6KXB
 12270007-W5 LOTS > EM79 W N8EJ
 12272026 K5CM W PY5CC
 12272026+W5BEM < 2128 W PY5CC
 12272300+AC5AH EM44, KC5VXT EM32 W CO2OJ
 12272300+KE5CM EM25 1096 MI W CO2OJ
 12280225 WLBT 3 MS Jackson EM42TF T W5IYX
 12281800+W5VGS EM22 < 1840 S W6CAP
 12282056 W5 TX > EM90 W4UE
 12282235+W5 TX,AR > EM79 N8EJ
 12282240 W5 > EN37 H W7ON
 12302200 W5 TX, W50E1 > CM88 B K6QXY
 12310000+W5 NM > CM88 K6QXY
 12312200+W5 TX EL09,29 > EL83 < 2230 W CO2OJ
 12312220 W5 DM81 > DM04 N6ZE
 12312340 W5DO 55 H EL2TPY
 01010004 W5IO, W5RP 50.1206 H EL2TPY
 01010016 W5DK, W5WS 50.110 H EL2TPY
 01010021 K5UR WKG XE2 50.1206 H EL2TPY
 01010025 W5RST 59 WKG XE2 50.1206 H EL2TPY
 01010027 K5LLL EL29 S EL2TPY
 01010029 K5IUA 59 S EL2TPY
 01010029 W5/W6JKV 59 S EL2TPY
 01010030 K5AAW S EL2TPY
 01010039 W5UWB S EL2TPY
 01010040 W5VY S EL2TPY
 01010041 W5BBO, N5TSP, K5WN S EL2TPY
 01010045 W5UWB 55 > RE66 50.1063 S EL3TIC
 01010047 W5IUA 51 > RE66 50.1063 S EL3TIC
 01010048 W5VY 55 > RE66 50.1063 S EL3TIC
 01010056 W5EU 57 > RE66 50.1063 S EL3TIC
 01010100-W5 TX > CM88 K6QXY
 01010116 K5IUA 50.110 W VK2BA
 01010214 W5 OK EM14 > DM04 50.400 A K6WFS

United States, W6

10230233 AA6DD DM13 S XE2HWB
 11120000 W6 DM12 > CM88 K6QXY
 11241806 K6GMV H W0MTK
 12071714 W6PEV DM15 160' ma 50.125 S V87SKA
 12102002 KCBX 2 CA Los Angeles T W5IYX
 12102020 KLKX CA Rosamond 93.5 F W5IYX
 12102026 KAVE CA Mojave 97.7 F W5IYX
 12102028 KIOZ CA San Luis O 93.3 F W5IYX
 12102030 KFOK CA Redondo Be 93.5 F W5IYX
 12102034 KDBB CA Paso Roble 92.5 F W5IYX
 12102034 W6JRA DM13 > EM72 W KR4M
 12102036 KDB CA Santa Barb 93.7 F W5IYX
 12102036 KLOS CA Los Angeles 95.5 F W5IYX

12102037 KTVV CA Los Angeles 94.7 F W5IYX
 12102046 KKBZ CA Los Angeles 92.3 F W5IYX
 12102049 KBT CA Thousand O 92.7 F W5IYX
 12102053 KLLX CA Long Beach 97.9 F W5IYX
 12102100 KDUK CA Ludlow 105.7 F W5IYX
 12102104 KDUC CA San Diego 94.3 F W5IYX
 12102125 KBBT CA San Diego 94.9 F W5IYX
 12110031 KESDGO CM97 > DM31XA W W47HQD
 12110040 W6GYD CM87 > DM31XA W W47HQD
 12110043 W6HXY CM87 > DM31XA W W47HQD
 12110129 K6BICG 160' DM15 50.125 S V87SKA
 12110130 K6BXC CM98 (CW) > DM31XA W W47HQD
 12110130 K6BXC CM98 > DM31XA W W47HQD
 12120403 K6CVC DM13 > DM59 50.173 W W0MTK
 12120412 K6DIJK DM04 > DM59 50.173 W W0MTK
 12122000+W6 BACKSCATTER 115' > 0000 K6QXY
 12132309 K6MYC 59 DM06-CM80 50.125 S K6IIF
 12140XXX W6 S.CA. ON BE > DM06 W K6MYC
 12141840 W6CR 56/56 EM73 50.13 S V31FD
 12141850 K6EID 59/57 EM73 50.13 S V31FD
 12251710 W6 DM04, DM14, DM12 170' V87SKA
 12260357 W6E CM84 > DM04 50.400 A K6WFS
 12260359 K6GHPZ CM87 > CM96 W B7QBS
 12260401 K6PHE DM13 > CM96 W B7QBS
 12260435 K6FGR DM06 > CM96 W B7QBS
 12260439 K6LJC DM14 > CM96 W B7QBS
 12302235+W6 CA (S) (FM BDCST) F W5IYX
 12310000+W6 BACKSCATTER 110' > CM88 K6QXY
 12310120 W6 WKG XE1J > EL09 H W5IYX
 12312150 W6 TV CA SD,LA T W5IYX
 12312200+W6 DM04,12,13,14 > EL83 W CO2OJ
 12312300 W6 FM CA SCALEMENTE 107.9 F W5IYX
 12312335 W6 FM CA MODESTO 104 F W5IYX
 12312342 K6QXY S EL2TPY
 12312344 W6DEL 50.135 H EL2TPY
 01010057 W6V 55 > RE66 50.1063 A EL3TIC
 01010214 W6 N.CA CM > DM04 50.400 A K6WFS
 01012128 W6 PAGERS 43.2 P EL2TPY

United States, W7

10230201 W7WB DM42 S XE2HWB
 10230219 W7US DM42 S XE2HWB
 11060210 K7CAR CM97 > CM80 AU W K6IIF
 11060318 W7DHC CM97 > CM80 AU W K6IIF
 11060320 K7ND CM87 > CM80 AU W K6IIF
 11060327 K7EWS CM87 > CM80 AU W K6IIF
 11060547 W7GJ DN27 > CM80 AU W K6IIF
 11070300-W7 KAS AURORA > CM88 K6QXY
 11102030 W7 WA > CM88 K6QXY
 11120000 W7 AE > CM88 K6QXY
 11171800 W7 WA > CM88 K6QXY
 11181630 W7 MT > 1700 > CM88 K6QXY
 11181700-W7 AE W6SKC/B > CM88 B K6QXY
 12121718 W7GJ DN27 SCATTER > DM59 W W0MTK
 12130135 W7GJ DN27 AURORA H W0MTK
 13101004 W7GJ 55 DN27 > DM59 SCATTER W W0MTK
 12092228 KTV 2 UT 1160 T OGLETHO
 12092305 KNAZ 2 AE 1045 T OGLETHO
 12092330-KD7GC DM33 W CO2OJ
 12092330-W7CS DM42 W CO2OJ
 12092330-W7RV DM43 W CO2OJ
 12092333 KWC 4 WY 1071 T OGLETHO
 12092355 KTVX 4 UT 1160 T OGLETHO
 12092355 W7 AE PHOENIX > EM13 W W7KU/O 996 T OGLETHO
 12100045 KTW0 2 WY AE 3 STN > EM09 W NOLL
 12100112 W7 AE 3 STN > EM09 W NOLL
 12102003 KTVK AE Phoenix T W5IYX
 12102055 KHTC AE Phoenix 96.9 F W5IYX
 12102058 KEDJ AE Sun City 106.3 F W5IYX
 12102100+W7/W6SKC > CM88 B K6QXY
 12102101 KRCY AE Kingman 105.9 F W5IYX
 12102105 KSNZ NV Las Vegas 106.5 F W5IYX
 12102106 KJUL NV Las Vegas 104.3 F W5IYX
 12102111 KBGO NV Las Vegas 93.1 F W5IYX
 12102112 KOMP NV Las Vegas 92.3 F W5IYX
 12102118 KVMH AE Show Low 93.5 F W5IYX
 12102138 KVOA 4 UT 1004 T OGLETHO
 12102135 KPSD 5 AE Cedar City 92.5 F W5IYX
 12102135 KPSD 5 AE CBS/4 T OGLETHO
 12102138 KVT AE Williams 96.7 F W5IYX
 12102146 KWTR NV Henderson 95.5 F W5IYX
 12102157 KLCX NV Las Vegas 98.5 F W5IYX
 12102159 KXAE AE Page 93.3 F W5IYX
 12102208 KZKH UT St. George 95.9 F W5IYX
 12102259 KNAZ 2 AE 1045 T OGLETHO
 12102300 KUBL UT Salt Lake 93.3 F W5IYX
 12102300 W7 AE > CM85 K7XD
 12102307 KCVQ UT Richfield 93.7 F W5IYX
 12102315 KVVU 5 WY 1238 T OGLETHO
 12102324 KSNH UT St. George 93.5 F W5IYX
 12102327 KZHT UT Provo 94.9 F W5IYX
 12102332 KUWT UT Centerville 105.7 F W5IYX
 12102333 KSPF UT Salt Lake 104.3 F W5IYX
 12102337 KBEZ UT Ogden 97.9 F W5IYX
 12102343 KVMH ID Rupert 92.5 F W5IYX
 12102353 KGVGF 59 DM16-CM80 50.130 S K6IIF
 12102359 KIDK 3 ID Idaho Falls T W5IYX
 12110000+W7 UT,WY, ID,AE > CM88 K6QXY
 12110001 KUTV 2 UT Salt Lake City T W5IYX
 12110006 W7/K6GHH/M/57 DM36 50.135 S K6IIF
 12110050 W7LVO CM87 > DM31XA W W47HQD
 12110118 W7 UT, WY > CM87 W W47HQD
 12110212 KCTICM EM04 > DM31XA W W47HQD
 12110238 W7AKU DM51 > DM31XA W W47HQD
 12113551 W7GJ DN27 > DM59 SCATTER W W0MTK
 12140000+W7 AE > CM88 K6QXY
 12140052 W7/W6KI DM42 H K6V
 12140052+W7VYL DM43 MESA AE 50.140 H K6V
 12150100+W7 DM56,DM40 > CM85 < 0236 W N7EJ
 12251600+W7 AE, MT > CM88 K6QXY
 12251630+W7 AE DM34,DM56,DM41-CM98 H6KXB
 12252000 W7 MT DN27 > CM98 W H6KXB
 12260121 N7WLE DM40 > DM04 50.125 S K6WFS
 12260128 N7WLE DN31 > DM04 50.125 S K6WFS
 12260134 W7GJ DN27 > DM04 50.125 S K6WFS

12260200 K7ET DM41 > DM04 50.125 S K6WFS
 12260200+W7 WY DN71 > CM98 < 0319 W H6KXB
 12260202 W7BQ DM41 > CM85 Es 144.2 W N7EJ
 12260203 W7BQ DM26 155' V87SKA
 12260403 K7WQ CM87 > DM04 50.125 S K6WFS
 12260430 K7BDP DN22 > CM96 W B7QBS
 12260441 W7R CM85 > DM04 50.125 S K6WFS
 12261920 W7GJ DN27 > CM97 H K6V
 12261920 W7HAH MT > CM97 H K6V
 12281835 W7RV, W7/WU81 DM43 W W4O
 12281836 W6JTM DM33 W W4O
 12281930 W7 AE WKG FL > EM21 H W5JCTI
 12282000 W7 H K4A
 12302235 W7 AE, NV (FM BDCST) F W5IYX
 12310000+W7 AE > CM88 K6QXY
 12310130 W7UE > CM97 H K6V
 12310341 W7/WOXX CM84 > CM85 BSCATR H W7DB
 12310415 W7GJ MT DM42 > EL83 W CO2OJ
 12312145 W7/W6KI DM43 > EL83 W CO2OJ
 12312200+W7 AE DM33,41,42,43,51 107.1 F W5IYX
 12312335 W7 AE 55 > RE66 50.1063 S EL3TIC
 01010049 W7CI 55 > RE66 50.1063 S EL3TIC
 01010100-W7 AE > CM88 K6QXY
 01010214-W7 CH > DM04 50.400 A K6WFS
 01011959 K7XC DM09-CM88 MS 50.125 S V87SKA

United States, W8

12061910-KC8EY EN90 < 2034 W CO2OJ
 12090350-KBTQK EM89 > F846 < 0510 W VA2RMK
 12090350-KB8E8 FN02 > F846 < 0510 W VA2RMK
 12090350-KBNWV EM89 > F846 < 0510 W VA2RMK
 12090350-KB8EJW EM78 > F846 < 0510 W VA2RMK
 12090350-W8B0 EN82 > F846 < 0510 W VA2RMK
 12091920 W8TN 2 OH 735 T OGLETHO
 12091950 W8JB 2 MI 904 T OGLETHO
 12091954 W8OL OH Columbus 92.3 F W5IYX
 12092245 W8KP 5 MI 931 T OGLETHO
 12092324 W8VC MI E Lansing 94.9 F W5IYX
 12092342 W8PMK MI E Lansing 99.1 F W5IYX
 12092344 W8FR MI Battle Creek 103.5 F W5IYX
 12100000 W8TM 4 MI 1042 T OGLETHO
 12101701 W8JB 2 MI 904 T OGLETHO
 12110104 W8CL OH Piqua 95.7 F W5IYX
 12110104 W8VS OH Toledo 92.5 F W5IYX
 12110108 W8WV MI Grand Rap 104.1 F W5IYX
 12110126 W8VC MI E Lansing 94.9 F W5IYX
 12181729 W8TN 2 OH Dayton EM79UR T W5IYX
 12272300-K8BPPX EM98, W8BGEH EM79 W CO2OJ
 12272300-K8U8Y EN61 1262 MI W CO2OJ
 12272300-N8QNR EN91 1246 MI W CO2OJ
 12272300-K8B8JW, W8BQNR EM79, K8TQK W CO2OJ
 12272300-W8EH, W8L7L EM91 1246 MI W CO2OJ
 12310254 K8TQK, K8EFD EN89 > CM85 W7DB
 12310258 W8 EN61,62,64 > DM79 W K6LS/O
 12312145-K88TEJ EM79 > EL83 W CO2OJ

United States, W9

11181700+W9 IN > CM88 K6QXY
 12061910-KA9CFD EN40 < 2034 W CO2OJ
 12061910+N9AZW EN51 < 2034 W CO2OJ
 12091959 WAVE 3 IN sv Louisville KY T W5IYX
 12092057 WCIA 3 IL Champaign T W5IYX
 12092337 WLRX IN Napanee 95.7 F W5IYX
 12092340 W8BX IL Tuscola 93.5 F W5IYX
 12092343 W8ZY IN Lafayette 96.5 F W5IYX
 12092350 W8OW IN Gosheen 97.7 F W5IYX
 12092352 WKIO IL Urbana 92.5 F W5IYX
 12100010 W8BM 2 IL 737 T OGLETHO
 12110059 WAVE 3 IN Louisville KY T W5IYX
 12110110 WKHY IN Lafayette 93.5 F W5IYX
 12110115 W8WY 2 WI 892 T OGLETHO
 12110117 W8AZ IN Kokomo 92.5 F W5IYX
 12110125 WKIO IL Urbana 92.5 F W5IYX
 12141812 W8WGT 53/59 EL98 50.13 S V31FD
 12141902 W8WVP 59/59 EM60 50.13 S V31FD
 12181729 WAVE 3 IN Louisville KY T W5IYX
 12181800 WCIA 3 IL Champaign EN50 T W5IYX
 12261730 N9KUN DM65 > CM97 H K6V
 12311952 W8SC 3z WI Madison WI 776 T SHAFTAN
 12312013 W8NN IL Carthage 92.1 F SHAFTAN
 12312145-W8BN EM34 > EL83 W CO2OJ

United States, W0

11181700+W0 CO, NE W0MTK, W8ORMO, NOLL B K6QXY
 12600118 NOZIG > DM59 W W0MTK
 12701110-NOZIG EM48 > DM59 W W0MTK
 12701335-K80TIJ EM17 > DM59 W W0MTK
 1270147-K8ETC EM27 > DM59 W W0MTK
 1270230-ABOAH EM17 > DM59 W W0MTK
 1270245-KA00XY EM17 > DM59 W W0MTK
 12021600 NOLL > CM88 B K6QXY
 12021600+W0IUR, W0MTK, W8ORMO > CM88 B K6QXY
 12021615 NOLL VY STRONG > CM97 B K6SIX
 12021615 W0MTK VY STRONG > CM97 B K6SIX
 12092057 KTVI 2 MO St. Louis T W5IYX
 12092220-K8BPVW EM17 > DM59 W W0MTK
 12092238 KIQK SD Rapid City 104.1 F W5IYX
 12092340-K8BOLCO EM45 > DM59 W W0MTK
 12100000 KGAN 2 IA 672 T OGLETHO
 12100019 KVOD CO Greeley 92.5 F W5IYX
 12101600 KZLO 3 SD Florence T SHAFTAN
 12101950 NOKM 57/57 DM67-CM80 50.125 S K6IIF
 12102100+W0MTK, W0IUR > CM88 B K6QXY
 12110000+W8ORMO, NOLL > CM88 B K6QXY
 12110120 KGAN 2 IA 672 T OGLETHO
 12110200+KSWK 3 KS Lakin T W7SKO
 12110200+KVTY 3 MO Springfield T W7SKO
 12110243 KGOHS DM79-DM04RK 50.125 K6WFS
 12110244 NOLNE DM79-DM04RK 50.125 K6WFS
 12110247 NOILP DM76 > DM31XA W W47HQD
 12110250 W8AHFG DM98-DM04RK 50.125 K6WFS
 12110258 KCOASE DM79-DM04RK 50.125 K6WFS
 12110302 KOXU DM70-DM04RK 50.125 K6WFS
 12110304 W0MCO DM59-DM04RK 50.125 K6WFS
 12110315 KEOCO DM71-DM04RK 50.125 K6WFS

1212XXXX W0MTK > CM88 B K6QKY
 12151600 K0GUV MH 59C > FM13 50.007 B K2SP0
 12151610-WA08WE MH 57-->59 -1620 B K2SP0
 12181759 KTVI 2 MO St. Louis EM48 T W45IYX
 12201000 W0MTK DM59 LOUD B K7XD
 12250100 W0MTK DM59, 68 > CM85 & 0236 W K7ELJ
 12250208 W0MTK DM59 > CM88 50.065 B V87SKA
 12250300 KTVT 3 MO -0600 T W780K
 12251600 W0 CO > CM88 K6QKY
 12260143 W0/K66CO DM71>DM04 50.125 E KC6WFS
 12260200 W0 CO DM48, 68, 79, 78, 67 W K6KX
 12260200 W0 KS EM09 > CM88 & 0319 W K6KX
 12260209 K60TRN DM77 > DM04 50.400 A KC6WFS
 12270206 K0EJC > CM88 W FY5CC
 12272300 W0/WV1R EM82 1309 MI W CO2GJ
 12280047 W0 EM27>EL94 Es 144 H W4WHH
 12282235 W0 KS, WE, MD > EM79 W85JN
 12282337-KDLO 3 SD Florence > EJ T SHAFTAN
 12290155 KBOYKI S8 EM49 > EM90 144.2 W W4UE
 12290156 ABOAX S8 EM49 > EM90 144.2 W W4UE
 12290158 KOKD S9+ EM31 > EM90 144 W W4UE
 12310224 BOLL WEAK > CM85 B W7DB
 12310259 KLWE 3 NE 110° > CM88 T V87SKA
 12310300 KROP 2 NE 110° > CM88 T V87SKA
 12310300 WAOCDN 519 DM79>EM66 50.058?B N8PUM
 12310301 W0SD 53 EM13 > CM85 W7DB
 12310310 WAO7DK 52 EM04 > CM85 W7DB
 12310348 W0OSP 57 EM17 > CM85 W7DB
 12311940 KROP 2- NE North Platt1352 T SHAFTAN
 12311945 KDLT 5+ SD Mitchell 1222 T SHAFTAN
 12311948 KPRY 4+ SD Pierre 278 1306 T SHAFTAN
 12311950 KDLO 3- SD Florence 1186 T SHAFTAN
 12311954 KGAN 2+ IA Cedar Rapids892 T SHAFTAN
 12311956 WOI 5+ IA Ames 273 982 T SHAFTAN
 12311958 KQWC 6+ IA Davenport 821 T SHAFTAN
 12312015 RTTN MO Trenton 92.3 F SHAFTAN
 12312016 RTUF MO Kirksville 93.7 F SHAFTAN
 12312017 KXKL MO Kirksville 94.5 F SHAFTAN
 12312018 KOKX IA Keokuk 881 95.3 F SHAFTAN
 12312019 KAAH MO Bethany 95.5 F SHAFTAN
 12312020 KQRC KS Leavenworth98.9 F SHAFTAN
 12312030 KTLG MO Beatrice 92.9 F SHAFTAN
 12312040 KQTV 2- MO St Josephs 1061 T SHAFTAN
 12312050 KTV0 3- MO Kirksville 93 T SHAFTAN
 12312055 KHAS 5- NE Hastings 1237 T SHAFTAN
 12312103 KLWE 3+ NE Lexington 1296 T SHAFTAN
 12312110 KSWB 4+ NE Superior 1219 T SHAFTAN
 01010050 KLBV 4 KS 120° > CM88 T V87SKA
 01010100 KSWK 3 KS 120° > CM88 T V87SKA
 01010112 BOLL EM09>CM88 120° 50.077 B V87SKA
 01020042 W0/W7XU EM13 -0133 50.170 H EL2TPY
 01020045 WAOHFG 57 50.160 H K6FV
 01020100 W0/W60AL DM79 50.180 H K6FV
 01020105 W0/W7XU 55 EM13>CM87 50.170 S K6FV
 01020107 K0QKY DM87 > CM87 50.180 H K6FV
 01020112 W0/W3DHJ DM68 > CM87 50.200 S K6FV
 01020117 B0ERG DM79 > CM87 50.140 H K6FV
 01020120 BOLL EM09 > CM87 50.077 B K6FV
 01020121 W0IJR DM79 > CM87 50.058 B K6FV
 01020130 W0QOP 57 EM19 > CM87 50.145 H K6FV
 01020135 KCOALU 55/55 DM70>CM87 1.125 S K6FV
 01020220 W0BQDM DM81 > CM87 50.165 S K6FV
 01020227 B0BN DM > CM87 50.165 S K6FV

Reports of Oceania

AUSTRALIA, General

12010345 VK-TV 59++ 46.170/46.240 V EL3TIC
 12060435 VK VID 59 BS 46.170/46.240 V EL3TIC
 12072100 VK TV 59 46.240/46.170 V EL3TIC
 12080300 VK TV 59++ 46.170/46.240 V EL3TIC
 12080300 VK TV 59++ 57.25/- 69.750 T EL3TIC
 12080400 VK TV -0500 46.172/46.240 V AH8A
 12080700 VK FM BAND 59+ F EL3TIC
 12080730 VK ALSO 0900 148.183+/- F EL3TIC
 12122130 VK TV > RE570M 46.24 V EL3TY
 12122300 VK TV 59++ 46.17/46.240 V EL3TIC
 12131930 VK TV 59 46.170/46.240 V EL3TIC
 12131930 VK TV 59 57.24/.25/57.260 V EL3TIC
 12150230 VK TV V AH8A
 12220428 VK TV S9 V EL3TY
 12222200 VK TV 59++ 46.170/26.240 V EL3TIC
 12230XXX VK-TV VY STRONG ALL DAY V EL3TY
 12240700 VK-TV 59 46.170/46.240 V EL3TIC
 12240700 VK-TV 59 55.240/.250/.260 V EL3TIC
 12240818 VK PAGERS FOR 5 MIN 148.183 EL3TIC
 12260255 VK TV S7 46.24 V EL3TY
 12262200 VK-TV 57.240, 57.250, 57.260 V EL3TIC
 12262200 VK-TV 59 46.170/46.240 V EL3TIC
 12272311-VK 1,2,4, 7 ALL STRONG EL3TY
 01010130 VK-TV WEAK -0300 46.240 V K6QKY

Australian Capital Terr.

12010430 VK1VP 160 RE66 EL't 50.135 JA1RJU
 12010030 VK1VP V73AT#
 12262234 VK1VP 50.150 EL3TY
 12272337 VK1VP 50.140 EL3TY

Australia-New South Wales

11280425 VK2DN > PM85 50.110 C JE2DWE
 11290139 VK2 ch0 > QM05 46.24 V JA1VOK
 12010414 VK2ERF 180 RS58 50.105 JA1RJU
 12010420 VK2EDX 170 RS56 50.105 JA1RJU
 12010650 VK2-FM Es 102.1-106.1 F EL3TIC
 12020327 VK2QF 599 180° 50.110 JA1RJU#
 12020345 VK2HO 57 180° 50.120 JA1RJU#
 12060640 VK2 ch0 > QM05 46.24 V JA1VOK
 12110020>VK2 -0140 V73AT#
 12130322 VK2 ch0 > QM05 46.24 V JA1VOK
 12130424 VK2YO > RE570M EL3TY
 12140053 VK2YO 55/55 VK4FNQ#
 12142302 VK2EHW/M 59/59 VK4FNQ#
 12150330 VK2 55-57 W AH8A
 12200044 VK2HO 50.160 EL3TY

12200623 VK2BA > QM05 50.105 S JA1VOK
 12200625 VK2ME > QM05 50.115 S JA1VOK
 12220431 VK2BHO 50.150 EL3TY
 12230170>VK2, 4, 7 STRONG EL3TIC
 12230600 VK2 ch0 > QM05 46.24 V JA1VOK
 12240745 VK2, 3, 4, 5, 7 IN ALL NIGHT EL3TIC
 12262205 VK2HO 50.175 EL3TY
 12262235 VK2 FM 59++ SYDNEY -0035 F EL3TIC
 12262320 VK2BF 55 Es 144.1 W EL3TIC
 12262325 VK2BFB, VK2XK 57 Es 144.1 W EL3TIC
 12272157-VK2RSY B EL3TY
 12280225 VK2GJC 50.220 EL3TY

Australia-Victoria-VK3

11250500 VK38IX > PM85 50.107 C JE2DWE
 11250502 VK38IX/b > PM85 50.053 B JE2DWE
 11250534 VK3AMK > PM85 50.095 C JE2DWE
 11270411 VK38IX > PM96 50.170 S JH1WHS
 11300725 VK3MS 52 50.140 H EL3TIC
 12010416 VK3AMK 180 RE59 50.105 JA1RJU
 12010425 VK3AMK 160 50.130 JR2NET
 12010442 VK3AMK 180 55 QSB 50.088 JE2XBY
 12010450 VK3AJK 180 RTTY 539 50.160 JA1RJU
 12010450 VK3AMK 180 50.088 JL4GTO
 12020408 VK3AMK > PM85 50.123 S JE2DWE
 12040354 VK38IX/b > PM85 50.053 B JE2DWE
 12142241 VK3TBM 31/55 VK4FNQ#
 12150330 VK3 55-57 W AH8A
 12262323 VK3DUT 50.150 EL3TY
 12262323 VK3DUT 144.1 EL3TIC

Australia-Queensland-VK4

11250538 VK4FNQ > PM85 50.130 S JE2DWE
 11270327 VK4SK > PM96 50.110 S JH1WHS
 11270330 VK4APG > PM96 50.180 S JH1WHS
 11270400 VK4DMI > PM96 50.130 S JH1WHS
 11280437 VK4GFS > PM85 50.110 C JE2DWE
 11291000 VK4RIK 559, VK4BRG B VK30T
 12020337 VK4GFS > PM85 50.140 S JE2DWE
 12020338 VK4YHN > PM85 50.120 S JE2DWE
 12020340 VK4GFS 59 180° 50.140 JA1RJU#
 12020342 VK4GFS 56 175° 50.110 JL4GTO#
 12020408 VK4APG 51 180° 50.180 JR2NET#
 12020404 VK4APG > PM85 50.110 S JE2DWE
 12060600 VK4 ch0 > QM05 46.17 V JA1VOK
 12110020>VK4 -0140 V73AT#
 12122156 VK4/VK2F > RE570M 50.16 EL3TY
 12122215 VK4RGG 519 > RE570M B EL3TY
 12140108 VK4/VK2F 59/59 MALENY VK4FNQ#
 12150300 VK4RGG, VK4BRG B AH8A
 12200557 VK4/VK2F 50.160 EL3TY
 12200612 VK4KK > QM05 50.110 S JA1VOK
 12200624 VK4JSR > QM05 50.130 S JA1VOK
 12200637 VK4ABW > PM85 50.110 S JE2DWE
 12230600 VK4 ch0 > QM05 46.17 V JA1VOK

South Australia-VK5

11250533 VK5BC > PM85 50.110 C JE2DWE
 12010655 VK5/9 Pagars & 0850 148.183 P EL3TIC

West Australia-VK6

12130137 VK6AKT > RE570M 50.11 EL3TY
 12130205 VK6BE > RE570M 50.215 EL3TY
 12130211 VK6HK > RE570M 50.215 EL3TY
 12130218 VK6RPH very weak B EL3TY
 12140044 VK6HK 55/55 VK4FNQ#
 12150307 VK6ET 55/55 B EL3TY
 12150340 VK6AKT 59/59 VK4FNQ#
 12150346 VK6GJ 59/59 VK4FNQ#
 12150358 VK6KE 59/59 VK4FNQ#
 12240800-VK6RPH 519 B EL3TY
 12240805 VK6GJ 59 50.140 EL3TY
 12240805 VK6GJ 59 50.140 EL3TIC
 12272311-VK6RPH 529 B EL3TY
 12272333 VK6YU 50.140 EL3TY
 12280117 VK6AKT 50.150 EL3TY
 12280134 VK6KRC 50.150 EL3TY
 01010900-VK6KRC, VK6HK, VK6KE, VK6AKT S EL2TPY

Australia-Tasmania-VK7

12122257 VK7RAE 539 > RE570M B EL3TY
 12123000 VK7 B AH8A
 12240800-VK7RAE 579 B EL3TY
 12262055-VK7RAE 579 B EL3TY
 12272157-VK7RAE B EL3TY
 12272240 VK7XR B EL3TY
 12280118 VK7IF 50.150 EL3TY
 12132203 VL7GK 59+ > RE66 50.120 EL3TIC

Australia-Northern Terr.

11110150 VK8RAS 2000km >0650 50.0468 B VK6HK#
 11291000 VK8RAS 559 B VK30T
 12191000-VK8GF W VK30T
 12140010 VK8PN 51 > RE66 50.110 EL3TIC
 12140013 VK8RH 55 50.120 EL3TIC
 12140130 VK8ZCU 59/59 TENNANT CREEK VK4FNQ#
 12140156 VK8MS 59/59 DARWIN VK4FNQ#
 12140211 VK8LM 59/59 VK4FNQ#
 12150215 VK8RAS 559 -0600 B VK4FNQ#
 12170600 VK8RAS 599 -1045 B VK4FNQ#
 12170800 VK8VF 579 -1015 B VK4FNQ#
 12260156 VK8ZCU PH70 TENNANT CRK W EL2TPY
 01010900-VK8GF S EL3TIC

Australia-Macquarie Is.

12280421 VK0YQS 50.130 W EL3TIC
 12280507 VK0YQS 50.130 EL3TY

FIJI

12060556 3D2CM 59 50.130 EL3TIC

FRENCH POLYNESIA

12080330 F05DR FOR 5 MIN 50.050 B AH8A
 1212XXXX F05DR 50.050 B VK2BA#
 12150230 F05DR 559 50.050 B AH8A
 12312159 F05DR 50.050 B EL2TPY
 01010040 F05DR 51 > RE66 50.050 B EL3TIC
 01012229 F05DR 50.050 B EL2TPY

HAWAIIAN IS.

11042337 NH6YK 50.110 S V73AT#
 12120245 KHON 2 HI 58 QSB 55.2398 V EL3TIC
 12141XXX KHON 2 HI -1610 55.260 V SKIAA
 12141XXX KHON 2 HI HONOLULU 55.260 V SKIAA
 12161XXX KHON 2 HI -1610 55.260 V SKIAA
 12180330 KHON 2 HI 5/9 55.2398 V EL3TIC
 12221100 KHON 2 HI -1200 55.260 V SKIAA
 12231000 KHON 2 HI -1200 55.260 V SKIAA
 12301500 KHON 2 HI -1545 WEAK V SKIAA
 12311150 KHON 2 HI -1350 55.260 V SKIAA
 12311440 KHON 2 HI -1600 55.260 V SKIAA
 01021440 KHON 2 HI -1600 WEAK V SKIAA

KURE IS.???

12120133 KH7R 50.110 S EL2WNB

MARSHALL IS.

12060725 V73AT 55 50.110 EL3TIC
 12080332 V73AT 57 50.110 S AH8A
 12120240 V73AT 50.110 S EL2TPY
 12120240 V73AT 59 QSB 50.120 EL3TIC

NEW CALEDONIA

12230056 FK1TK 59+ 50.135 S EL3TIC
 12230131 FK1TK W EL2TPY
 12230144 FK1TK 50.130 EL3TY
 12260156 FK1TK W EL2TPY
 12260244 FK1TK > 0425 50.140 EL3TY
 12270110 FK1TK 59 50.140 S EL3TIC

NEW ZEALAND

11250328 EL ch1 > PM85 50.74/50.76 F JE2DWE
 11250332 EL2TPY > PM63 50.105 S JASCMO
 11250340 EL4TBM > PM85 50.140 S JE2DWE
 11250345 EL2TPY > PM85 50.105 S JE2DWE
 11250410 EL38IX/b > PM63 50.040 B JASCMO
 11250415 EL3ADT > PM63 50.105 S JASCMO
 11250415 EL3ADT > PM85 50.110 S JE2DWE
 11250423 EL3TIC > PM63 50.110 S JE2DWE
 11250455 EL3NW > PM85 50.130 S JE2DWE
 11250505 EL3ADT > PM85 50.110 S JE2DWE
 11250514 EL38IX/b > PM85 50.040 B JE2DWE
 11290338 EL ch1 > QM05 45.25 V JA1VOK
 11290443 EL ch1 > QM05 45.26 V JA1VOK
 11300400 EL ch1 > PM63 45.25 V JASCMO
 11300500 EL-TV (N) 59+ 45.24/.25/.26 V EL3TIC
 11300500 EL-TV (N) 59+ 55.24/.25/.26 V EL3TIC
 11300725-EL3ADT, EL3NW 50.140 W VR8MS
 12010335 EL3TY 160 RE58 50.110 JA1RJU
 12010345 EL2WBA 175 RE57 57 50.135 JA1RJU
 12010345 EL3TY 175 50.150 50.140 JL4GTO
 12010351 EL3TLG 160 RE66 59 50.130 JA1RJU
 12010400 EL3TIC 160 RE66 50.110 JL4GTO
 12010402 EL3TIC 160 50.110 JA1RJU
 12010408 EL3NW 170 50.170 50.110 JA1RJU
 12010424 EL3NW 330 50.110 JL4DRO
 12010425 EL38IX 50.040 B JA1RJU
 12010433 EL3NW 165 419 QSB 50.170 JR2NET
 12010440 EL4TBM 180 RE57 50.140 JA1RJU
 12010445 EL38IX 180 59+ 50.040 B JE2XBY
 12010445 EL38IX 180 RS59 50.040 B JL4GTO
 12010506 EL3TY, EL4TBM 59 BACKSCATTER H EL3TIC
 12010506-EL-TV 59 45.25+/-, 55.25+/- V EL3TIC
 12060134 EL ch1 > QM05 45.25 V JA1VOK
 12060134 EL ch1 > QM05 45.26 V JA1VOK
 12060430 EL VID BS fm 3d2 45.25+/- V EL3TIC
 12060430 EL VID BS fm 3d2 55.25+/- V EL3TIC
 12060600 EL ch1> QM05 45.25/45.26 V JA1VOK
 12070302 EL TV+AUDIO 59+ 180° 50.750 T V73AT#
 12070322 EL2WNB 51 180° 50.110 V73AT#
 12070324 EL ch1 > QM05 45.26 V JA1VOK
 12072100 EL TV BS 45.25+/- 55.25+/- V EL3TIC
 12080400+EL TV -0500 59 45.240 V AH8A
 12130314 EL ch1 > QM05 45.26/45.25 V JA1VOK
 12130405 EL3TY > QM05 50.130 S JA1VOK
 12132000 EL TV 59 > RE66 45.260 V EL3TIC
 12140035 EL TV 59 45.250/45.260 V EL3TIC
 12150230 EL TV V AH8A
 12150300 EL38IX -0350 B AH8A
 12150310 EL3TLG, EL3AAU, EL3TCV S AH8A
 12200255 EL ch1 > QM05 45.26 V JA1VOK
 12200334 EL ch1 & 0539 > QM05 45.25 V JA1VOK
 12200554 EL ch1 50.74/.75/.76 F JA1VOK
 12200559 EL2TPY > QM05 50.105 S JA1VOK
 12200606 EL2AGI > PM85 50.110 C JE2DWE
 12200606 EL2AGI > QM05 50.110 C JA1VOK
 12200618 EL4TBM > QM05 50.160 S JA1VOK
 12200623 EL4TBM > PM85 50.110 S JE2DWE
 12200645 EL2KT > QM05 50.160 S JA1VOK
 12220428 EL38IX ON BACKSCATTER B EL3TY
 12230100 EL TV 59+ 45.240/.250/.260 V EL3TIC
 12240700 EL-TV BS 45.240/.250/.260 V EL3TIC
 12240800-EL38IX ON BACKSCATTER B EL3TY
 12260300 EL SEVERAL BACKSCATTER W EL3TY
 12262140 EL1THY 50.170 EL3TY
 12262148 EL2AAA 50.180 EL3TY
 12262153 EL3NW STRONG BACKSCATTER EL3TY
 12262225 EL3NE/1 52.05 EL3TY
 12262234+EL3TY Es 144.1 H VK1VP
 12262300 EL3NE, EL1THY Es W EL3TIC
 12262300+EL2KT, EL4TBM, EL4LC, EL3TY Es H EL3TIC
 12280421-EL-TV STRONG 45.24/.25/.26 V EL3TIC
 12280421-EL3NW, EL3ADT, EL3AAU W VK0YQS
 12280421-EL3TLG, EL3TIB, EL3ATY W VK0YQS

12310XXX EL-TV VID FOR 3 HRS V EK1AA
 12310033 EL3NW RE66 50.125 W K6SIX
 12312342 EL2TFY 56 > CM88 K6QXY
 12312346 EL VY LOUD 45.240/.250/.260 V K6QXY
 12312346 EL3NW 56 > CM88 K6QXY
 01010027 EL2TFY RF70 > EL29 50.115 W K5LLL
 01010033 EL3ADT 53 > EL17 50.110 S W5UWB
 01010035 EL3AAU 41 > EL17 50.110 S W5UWB
 01010039 EL2TFY 31 > EL17 50.105 S W5UWB
 01010041 EL3NW 56 > EL17 50.140 S W5UWB
 01010043 EL3NW RE66 > EL29 50.140 W K5LLL
 01010047 EL3TIC 56 > EL17 50.115 S W5UWB
 01010054 EL3NW 52 > EL17 50.140 S W5UWB
 01011928 EL-TV > CM87 45.240 V K6FV
 01011928 EL-TV > 2206 < 2245 45.250 V K6FV

SABAH

12060830 9M6 oh2 > PM63 53.74 F JA5CMO

SAMOA, AMERICAN: Bill Faulkerson, AH8A, writes: I haven't done anything on six meters for years particularly since F2 went away but am starting to get geared up again. Got a transverter working a few weeks ago and 1500w amp is on the bench - just lacking a few parts. Antenna is also under construction (9 el on 50' boom). Shouldn't be too long before all is up and going. Did manage to work a few on Es the last couple of weeks with 70w and a j-pole. Intention is to get ready for F2 when it happens but would also like to try a little EME. I imagine I may be able to work the big guys on a rising moon with the planned setup.

11300515 KVZK 2 AS 59++ 55.250 V EL3TIC
 12010330 KVZK 2 AS 59++ 55.250 V EL3TIC
 12010435 KVZK 2 AS 59++ 59.750 F EL3TIC
 12060415 KVZK 2 AS 59+ 55.25/59.75 T EL3TIC
 12070331 AH8A 55 170+ 50.110 V73AT#
 12072300 KVZK 2 AS 59 55.250/59.75 T EL3TIC
 12120200 KVZK 2 AS 59+ 55.25/59.75 T EL3TIC
 12131900 KVZK 2 AS 59+ 55.25/59.75 T EL3TIC
 12140030 KVZK 2 AS 58 >RE66 55.250 V EL3TIC
 12150230 KVZK 2 AS 59 55.2498 V EL3TIC
 12150300 AH8A 55 AH45 > RE66 50.140 S EL3TIC
 12230015 KVZK 2 AS 59+ 55.250 V EL3TIC
 12270045 KVZK 2 AS 59 >0130 55.250 V EL3TIC
 12280421-KVZK 2 AS 55.250/59.75 T EL3TIC
 01010010 KVZK 2 AS 55 >RE66 55.250 V EL3TIC
 01030500-KVZK 2 AS -0700 Es 55.250 V EK1AA

VANUATU

12200805 YJ80U 59 W EL2TFY
 12270100 YJ80U 59++ 50.135 S EL3TIC
 12270138 YJ80U 50.135 S L3TY

Reports of South America

ARGENTINA

10120012 LU2DGO 55 GF05 50.110 H XE1AVM
 10120045 LU2DGO VY WEAK GF05 H XE2HNB
 10130137 LW5EJU 55 NESTOR 50.110 H XE1AVM
 10130140 LU5JAU 55 50.110 H XE1AVM
 10130210 LU8EWD VY WEAK GF05 H XE2HNB
 10130216 LW5EJU VY WEAK GF05 H XE2HNB
 10150135 LU9EHP 55 LUIS 50.110 H XE1AVM
 10110020 LW5EJU 55 GF05 50.110 S XE1AVM
 10120025 LU2DEK 55 GF02 MANUEL .110 S XE1AVM
 10120030 LUS5DIT 54 GF02 .110 S XE1AVM
 10130055 LU7FA 54 FF96 RICARDO .110 S XE1AVM
 10140133 LU7EMK 50.110 HC2FG#
 10142218 LU7FA 53 RICARDO BS 50.110 LW5EJU
 10142320 LU9EHP 53 LUIS BS 50.130 LW5EJU
 10162251 LUIDVT 57 > GG54RE S PY5CC
 10162256 LW5EJU 57 > GG54RE S PY5CC
 10162305 LU9EHP 52 LUIS BS 50.120 LW5EJU
 10162330 LU2DEK 51 TOMAS BS 50.105 LW5EJU
 10170201 LU9EHP 59 FF95 LUIS 50.110 S XE1AVM
 10182342 LU1VR, LUSYFO W4UDH#
 10192143 LU5JAU 59 DANIEL TR 50.110 LW5EJU
 10192200 LU8DNY 51 JOSE TR 50.110 LW5EJU
 11010010 LUS9A 59+ EUGENIO FF56 S PY5CC
 11010119 LU2FF 55 JORGE S PY5CC
 11112320 LW6EQU CLG CQ 50.110 PU2RCM#
 11112333 LW5EJU CLG CQ 50.110 PU2RCM#
 11130030 LU2EQ 57 50.1184 YV4YC
 11132114 LW5EJU 59+ NESTOR S PY5CC
 11132120 LU2EQ 55 S PY5CC
 11121340 LW6EQU 50.115 PP5JD-1
 11211856 LU5EGL 55 JULIO S PY5CC
 11211857 LW7DQE 59 FERNANDO GF12 S PY5CC
 11212100 LU3JRV 55 SEBASTIAN GF07 S PY5CC
 11211906 LU5JAU 59+ DANIEL S PY5CC
 11222011 LU5JAU 52 DANIEL TR 50.110 LW5EJU
 11250239 LU9EHP VY STRONG 50.0145 B PP1CZ#
 11250243 LW5EJU 57 TE 50.119 KP4BZ#
 11261831 LU3YYZ 59+ Es 50.110
 11261835 LUSYFO 58 Es 50.033 B LW5EJU
 11261954 LU8MBL 55 Es FF57OC 50.110 LW5EJU

11262301 LU8WAT 59 ENRIQUE 50.110 LW5EJU
 11292326+LU3DYK Q5 < 2338 50.110 W WP40#
 11292326+LU6DRV Q5 < 2338 50.110 W WP40#
 11292326+LU7DTU Q5 < 2338 50.110 W WP40#
 11292326+LU9EHP Q5 < 2338 50.110 W WP40#
 11292326+LW5EJU 54 50.110 W WP40#
 10162257 LU6DVT 57 LUIS BS 50.130 LW5EJU
 12012330 LW5EJU, LU3EMK WP40#
 12012345 LU9EHP, LU2FF WP40#
 12012353 LU9EHP B WP40#
 12282056 LU > BM90 W4UE

BRAZIL

10150130 PY5CC 56 50.110 H XE1AVM
 11012333 PY8MD 59 CARLOS BELEM-PA S PY5CC
 11012334 PY7BK 57 TEL PORTALEZA-CE S PY5CC
 11020018 PY2XB 54 FRED SAO PAULO-S S PY5CC
 11020024 PY2XB 53 FRED 144.300 S PY5CC
 11022143 PP7ZE 59 FOON Es 50.110 LW5EJU
 11022330 P8BDX 59 JUNIOR TERESIMA-PI S PY5CC
 11022353 P8BDX 50.120 PY2WQ#
 11032246 PY8MD 57 CARLOS S PY5CC
 11032330 PY8MD 55 CARL G158 50.110 LW5EJU
 11042100 PP5BC 51 INGO ST CATARINA ISS PY5CC
 11042103 PY2DP 57 CARLOS S PY5CC
 11042125 PY7BK 51 Es 50.110 LW5EJU
 11052125 PU2RKM/519 > GG54RE C PY5CC
 11052214 PY2DNH 519 > GG54RE C PY5CC
 11052255 PY2GNS 51 > GG54RE S PY5CC
 11082145 PP7HS 57 Es HI20 50.110 LW5EJU
 11082230 PY2DP 57 > GG54RE 144.220 S PY5CC
 11082235 PY2NI 59 > GG54RE 144.220 S PY5CC
 11090104 PY2DP 50.110 WP40#
 11112250 PY1AA 51 Es 50.051 B LW5EJU
 11112250 PY2AA 57 Es 50.059 B LW5EJU
 11112250 PY2BFI 51 Es 50.010 B LW5EJU
 11112300 PP5BC 57 INGO Es 50.110 LW5EJU
 11112325 PU2RCM 57 RAMOS Es 50.110 LW5EJU
 11112345 PY5AGC 59 ORLANDO Es 50.110 LW5EJU
 11121000 PY2AA 59 Es 50.059 B LW5EJU
 11132100 PY2BFI 53 Es 50.010 B LW5EJU
 11132116 PY5CC 59+PITER Es 50.110 LW5EJU
 11132140 PY REPTEATER 59+ Es 52.910 F LW5EJU
 11132154 PULKES 57 VITORINO Es 50.120 LW5EJU
 11132200 PY1AA 51 Es 50.051 B LW5EJU
 11132205 PU2RCM 52 RAMOS Es 50.110 LW5EJU
 11132218 PY5BI 52 BIAS Es 50.140 LW5EJU
 11142040 PY2AA 59 Es 50.059 B LW5EJU
 11170017 PP7ZE 59 FOON Es 50.110 LW5EJU
 11242115 PY1AA 57 Es 50.051 B LW5EJU
 11242115 PY2AA 59 Es 50.059 B LW5EJU
 11242115 PY2BFI 57 Es 50.010 B LW5EJU
 11242355 PP1CZ 599 LEO VITORIA-ES C PY5CC
 11250015 PP1CZ 59+ LEO GG99UQ S PY5CC
 11250029 PP1CZ 59+LEO GG99UQ 50.105 LW5EJU
 11250053 PY2IAK 59+VALOD GG68 50.125 LW5EJU
 11250118 PY2MXX 57 NETO 50.130 LW5EJU
 11250230 PU2FAK 55 BRUNO Es 50.120 LW5EJU
 11261836 PY2AA/PY1AA/PY2BFI Es -1845 B LW5EJU
 11262015 PY1AA 59+ Es 50.051 B LW5EJU
 11262015 PY1AA 59+ Es 50.059 B LW5EJU
 11262015 PY2BFI 57 Es 50.010 B LW5EJU
 11262158 PY7?? 51 FERNANDO 50.110 H LW5EJU
 11262326 PY8MD 53 G1588N S PY5CC
 11270023 PT2JR 52 JUNIOR Es 50.105 LW5EJU
 11270025 PP2AU 53 Es 50.110 H LW5EJU
 11270027 P8BDX 59 Es G184OX 50.110 LW5EJU
 11270032 P8BDX 59++ JUNIOR S PY5CC
 11270142 PP2AU 59 Es G184OX 50.110 LW5EJU
 11292326+PY2CDS 55 < 2338 50.110 W WP40#
 11300018 PP2AU 57 MARCELOTE 50.110 LW5EJU
 12012325 PY5CC WP40#
 12012340 PY2GSB B WP40#
 12012353 PY2AA C PP1CZ#
 12020105 PT9FH HC2FG#
 12040138 PY2CDS > F107BU
 12080000 PY8AZ 57 Es 3800 KM 50.110 LU2EGG#
 12080003 PY8AZ/H 52 3800 KM 50.110 LU2EGG#
 12100020 PY5CC - 0025 50.110 W3B0#
 12132300+PY5CC < 2359 50.110 W WP40#
 12182336+PY5CC GG54 > FK68 W WP40#
 12190000 PY2AA 429 -0130>EL88 50.058 B W4CHA#
 12200024 PY5CC 57 TE 50.110 S KP4BZ#
 12200026 PY2XB 45 TE 50.110 S KP4BZ#
 12280100 PY5CC > EM79 H N8EJN
 12282235+PY5CC GG54 > EM79 W N8EJN
 12290036 PY2XB > EM79 H N8EJN

CHILE

11100109 CE3DNWJ 57 ROLF S PY5CC
 11250003 CE3OK 59 VICTOR SANTIAGO S PY5CC
 12030XXX CE STRONG MUSIC 49.200 LU8EWD#

ECUADOR

11070436 HC2FG 59 F107 GUSTAVO .110 S XE1AVM
 11200036 HC2FG 51 50.110 S PP1CZ#

PARAGUAY

11132150 EP5PT 51 RAMON Es 50.110 LW5EJU
 11222026 EP5PT 59 RAMON GG14 50.110 LW5EJU
 11222100 EP5PT 59 RAMON Es 50.110 LW5EJU
 11242320 EP6CW 57 DOUG S PY5CC

URUGUAY

11062308 CX1CCC 53 BACKSCATR 50.019 B LW5EJU
 11062315 CX9DK 53 FERMIN BS 50.120 LW5EJU
 11112252 CX4AAJ CLG CQ 50.110 PU2RCM#
 11272259 CX9DK 51 FERMIN Es 50.110 LW5EJU
 11292326+CX9DK Q5 < 2338 50.110 W WP40#
 1130XXXX CX9DK 55/53 TEP 144.3 KP4EIT#
 12132300+CX4AAJ < 2359 50.110 W WP40#

VENEZUELA

10130040 YV4AB 52 TE 50.025 B LW5EJU
 11020035 YV4DYJ 57 VICTOR VALENCIA S PY5CC
 11032355 YV4AB 57 TE 50.025 B LW5EJU
 11040003 YV4YC 59 BEN S PY5CC
 11040010 YV4YC 57 BEN TE 50.115 LW5EJU
 11070020 YV4AB TE 50.0245 B PP1CZ#
 11100054 YV4AB 57 TE 50.025 B LW5EJU
 1110215 YV4AB 51 TE 50.025 B LW5EJU
 11122351 YV4DYJ 55 VICTOR S PY5CC
 11130008 YV5YW 51 S PY5CC
 11130009 YV5YM 59+ S PY5CC
 11130012 YV5MM 51 MANUEL S PY5CC
 11130013 YV4DYJ 54 VICTOR TE 50.110 LW5EJU
 11130022 YV4DYJ 55 50.110 S PP1CZ#
 11130032 YV4DYJ 50.110 PY2EK
 11130043 YV4YC 50.118 PY2EK
 11130050 YV4YC 59 BEN TE 50.118 LW5EJU
 11130055 YV4YC ALBANO 50.1185 PU2RCM#
 11130138 YV4AB 529 50.025 B PP1CZ#
 11130140 YV4AB 529 Es B PP1CZ#
 11160000 YV4AB 57 Es 50.025 B LW5EJU
 11180029 YV4AB 51 TE 50.025 B LW5EJU
 11180037 YV4DYJ 57 VICTOR TE 50.110 LW5EJU
 11200030 YV4AB 57 TE 50.025 B LW5EJU
 11200125 YV4AB 559 50.024 B PP1CZ#
 11232322 YV5MM 53 > GG54RE S PY5CC
 11250200 YV4AB 53 TE 50.025 B LW5EJU
 11260013 YV3FW 55 PEDRO S PY5CC
 11262324 YV4AB 57 TE 50.025 B LW5EJU
 11272300 YV4AB 59 TE 50.025 B LW5EJU
 11290000 YV4AB 52 TE 50.025 B LW5EJU
 12030115 YV4AB 50.0255 B PP1CZ#
 12030XXX YV4AB 55 TEP B LU8EWD#
 12050112 YV4AB STRONG 50.0245 B PP1CZ#
 12100202 YV4AB WEAK 50.0245 B PP1CZ#

Beacon News

ZS6TWB; is back on 50.044 with 15 W into a 3 element yagi beaming 330°. The beacon transmits the following : v v v de zs6twb/b kg46rd and about 30 seconds of carrier and then repeats the sequence.

South Africa: Another beacon list forwarded by ZR1EV with info from ZS6PJS & ZS2FM indicates ZS6TWB is running 30W CW to a 6 el beam from KG46, Pietersburg plus the following:

ZS2SIX: FSK back on 50.005 25W to a dipole from KF25, Port Elizabeth, at the University of the Eastern Cape,

V51VHF: FSK 50.0185 60W to Vertical from JG87 Windhoek (NAMIBIA),

ZS6DN: 50.050 100W to 5 el from KG44 Pretoria.

PT7BCN: back on 50.078 with 3W to a Cushcraft 5/8λ vertical.

PY2AMI: presently QRT.

KW2T: 50.072 is QRT

W2RTB: FN12hw on 50.069 with halo, 10 watts.

W4CHA: EL88 on 50.080 (was old WB4OOJ) running 20W to halo up 400'.

VE1SMU h: on 50.001 +/- in near Hali-fax, NS in FN84. It runs 30W to a 3 el beam aimed at Europe.

FO5DR: on 50.050 occasionally during daylight hours only.

KVZK: Stuart, ZK1AA, confirms that KVZK in Pago Pago QSY'd from their odd offset to 55.250 a few months ago.

Makes monitoring KHBC in Hilo, on the same frequency, a bit more difficult.

Russian TV Transmitters: Underscoring the difficulties in IDing TV DX stations by video carrier frequencies alone, GJ4ICD advises, "We are doing some research on this! There are 14,000 TV TXs in the USSR. Many are on UHF, but many are also on VHF, hundreds are on the same offsets in the USSR, this is where we are being misled. Checkout <http://www.ortv.ru/total/network.htm>"

{Ed. note} Though stretching the capabilities of most radio amateurs, transmitters such as these can be fingerprinted. Means include the drift characteristics (due to crystal oven cycling), and hum sideband levels. DX reception could include accurate measurements of azimuth and elevation of arrival.

USA TV DXers have encountered difficulties trying to ID Mexican TV transmissions due to lack of identification beyond network. WA5IYX indicates some ID information is at times present in the vertical blanking intervals.

QSL Information

XW30: QSL mgr. SM0AGD, Erik Sjolund, Vestag.27, S-19556 Marsta, SWEDEN.

TR8XX: J.C. Jupin, BP 4069, Libreville, Gabon, AFRICA (de SM7AED)

V51C: (JG77), P O Box 2327, Walvis Bay, Namibia, AFRICA (de IK0FTA)

9G1YR; QSL VIA G4XTA

9J2BO: via AA5BC

Z32MA: Mitko Kikerekov, UL. Petar Mandjukov, 38-b butel 1, 91000, Skopje, Macedonia

Algeria: G3SDL reported that his 7X card was rejected by ARRL.

ZF1DC: David A. Corbin, P.O. Box 1549, GRAND CAYMAN IS.

C6AIE: via John Walker, WZ8D

OD5PN: via LX1NO

DX Operations

Laos: Zorro, JH1AJT, and a team consisting of Yuki, XW1A; Frank, AH0W/OH2LVG; Shin, JA0DAI; Toshio, JP1IOF; John, SM0DJZ; and Erik, SM0AGD; plan to operate all bands including 6 meters from Vientiane, January 5-13. Callsigns are XW30 for CW

and XW30A for SSB, RTTY, and FM.

Chad: F5JKK hopes to activate TT8 between January 15, 1998 and May 1998, depending on the geographical situation and also QRM. Eric hopes to use the call that he used last time TT8AQ. . . QSL via F6FNU or direct with IRC/SAE.

9M0C, Spratley Is.: A multinational expedition to Layang Layang (AS-051) is scheduled for February 12-14 with the call 9M0C. It is planned to keep four stations on the air round the clock on all HF bands SSB, CW, RTTY, and 6 meters. QSO data will be uploaded to the internet while the expedition is in progress. (de G3XTT & SM7AED) Web page <http://members.aol.com/spratly98>

OD5PN: is a new station on 6m from Beirut (KM73SU). Operator Jamil is using an ICOM IC756 and a 5 el Tonna.

Lebanon: News and an offer from OD5SB via SM7AED. "I finished building a Ten-tec 6m transverter and it is running with 8W. I am QRV and monitoring 50.110. The OD5SIX (beacon) is OK and OD5SK Nabil (2 op) control this beacon every week. Its output is around 8W also.

For 6m Dx-peditions to OD5 for this next season, I am ready to cooperate with help/preparations. I am a member of the PKRS Radio society and we can make an excellent team for this activity. Just inform me a few months before, and I can give you all the information about that in Lebanon. If authorization is not available, we can operate with our Radio-club callsign OD5RAK without any problem. F6FLV was active on 6m from OD5 a couple years ago and he is interested in making another trip. 73, de OD5SB, Rami."

TA2ZCT: SM7AED reports that op Theo in KM69 was worked by several stations.

T98PSR: SM7AED reports that Cedric, F1PSR will be QRV on 6m in Sarajevo, Bosnia for 4 months, starting early November 1997. His rig will be an IC706 Mk II, 100W, with a dipole antenna (to be made in situ..)

EME News

Lance W7GJ had a successful sked with OH2BC yesterday (December 6), and heard himself pretty well, too off the Moon.

K6QXY reports that JH2COZ has heard him and K6MYC off the moon with a 6.6 λ Yagi, 1 λ high.

Request from XE2HWB

Necesito esquema (diagrama) y manual de servicio del FT480R. Yo envío \$ para fotocopia. Gracias.

(I need schematic diagram and service manual for FT480R. I will send \$ for photocopy. Thanks.)

Bernardo sent along a color photo of himself and N6XQ on one of their DX-peditions. I ordered a screened print for the bulletin, but haven't been able to get it yet. Next month, perhaps!

Call for papers SE VHF Conference

The second annual Southeastern VHF Society Technical Conference will be held Friday and Saturday, April 3 and 4, 1998 in Atlanta, Georgia!

The dates and location of our inaugural Conference proved to be so popular that we are staying with the same weekend and location in 1998 - the Atlanta Marriott Northwest located between Atlanta and Marietta. A special Conference room rate of \$69 per night plus tax is available to attendees. For reservations, please call the Marriott at 1-800-228-9290.

SVHFS Award: The Southeastern VHF Society will present the SVHFS Award annually in recognition of exceptional contributions and service to the Society or the VHF/UHF community in general. Presentation of the first SVHFS Award will take place at the Saturday evening banquet. For more information on the SVHFS Award, please contact Steve Adams, K4RF (ex-WS4F), SVHFS President at stevews4f@aol.com

Call for Papers: Program Chairman Bob Lear, K4SZ, has issued a call for papers. If you are interested in making a technical presentation or having a paper published in the Proceedings, please contact Bob at:

Bob Lear, K4SZ
P. O. Box 1269
Dahlonega, GA. 30533
706-864-6229
k4sz@stc.net

Antenna Measurements: Antennas will be measured Friday, April 3rd starting with 144 MHz and working up in frequency - amateur bands only, please! A maximum of two antennas per band per individual may be tested. Please supply a female N connector or SO-239. Please indicate the antennas you will be bringing on your registration form. Walk-ups will be tested as time and space permit.